

Converting Colors

XYZ(87.4339, 89.8214, 91.5692)

Have a look what the booklet for
XYZ(87.4339, 89.8214, 91.5692)
contains.

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Color

**XYZ(87.6907, 90.1688,
91.3798)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFF1EB |
| RGB | 255, 241, 235 |
| RGB Percent | 100%, 95%, 92% |
| CMY | 0.0000, 0.0549, 0.0784 |
| CMYK | 0.00, 0.05, 0.08, 0.00 |
| HSL | 18°, 100%, 96% |
| HSV | 18°, 8%, 100% |
| XYZ | 87.6907, 90.1688, 91.3798 |
| YIQ | 244.5020, 10.2700, 1.1020 |

Conversions

Conversions Part 2

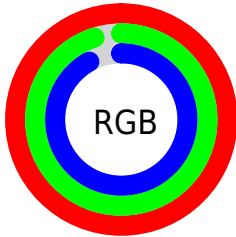
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 255, 244, 235 |
| Decimal | 16773611 |
| CIE Lab | 96.07, 3.71, 4.57 |
| CIE LCh | 96, 5.882, 50.939 |
| Yxy | 90.1688, 0.3257, 0.3349 |
| Android (android.graphics.Color) | 4294963691 (0xFFFFF1EB) |
| YUV | 244.5020, -4.6845, 9.2067 |
| Hunter-Lab | 94.9573, -1.3348, 9.4138 |

Details

The XYZ color **87.6907, 90.1688, 91.3798** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.1858, 92.6311, 107.9448**, and the grayscale version is **86.4237, 90.9244, 99.0167**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.7743, 49.9584, 49.7201** is the 20% darker color. If you saturate the color by 10%, you get **79.2420, 78.7506, 71.6717**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

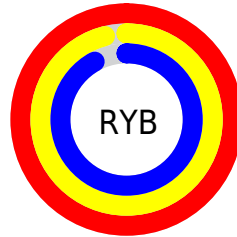
Distribution



Red (100%)

Green (95%)

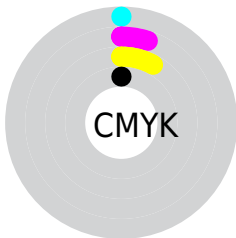
Blue (92%)



Red (100%)

Yellow (96%)

Blue (92%)

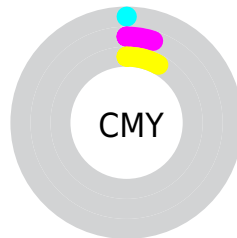


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.6907, 90.1688, 91.3798 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 87.6907, 90.1688, 91.3798 by changing the saturation by 10% instead.


 87.6907, 90.1688,
91.3798

 87.6907, 90.1688,
91.3798


508.8404,
528.5798, 553.1946

 66.3969, 68.1207,
68.5455


143.0212,
147.5728, 151.2057

 48.8635, 49.9959,
49.8722


177.7886,
183.6975, 189.0344

 34.7253, 35.4101,
34.9414


217.7779,
225.2832, 232.6983

 23.6169, 23.9790,
23.3345

263.3544,
272.7142, 282.6159

 15.1729, 15.3180,
14.6331

314.8836,
326.3750, 339.2058

 9.0279, 9.0429,
8.4185

372.7308,

 4.8166, 4.7692,

386.6499, 402.8866

4.2723

437.2612,
453.9234, 474.0767

■ 2.1737, 2.1125,
1.7759

■ 0.7288, 0.6716,
0.4120

■ 87.6907, 90.1688,
91.3798

■ 87.6907, 90.1688,
91.3798

■ 79.2420, 78.7506,
71.6717

95.0500, 100.0000,
108.9000

■ 71.7996, 68.5361,
54.7929

■ 65.3262, 59.4886,
40.6140

■ 59.7795, 51.5650,
28.9933

■ 55.1142, 44.7198,
19.7757

■ 51.2805, 38.9040,
12.7894

■ 48.2232, 34.0645,
7.8395

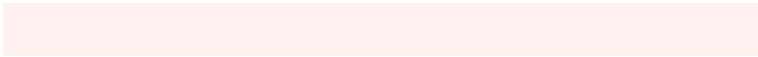
■ 45.8791, 30.1425,
4.6964

■ 44.1692, 27.0701,
3.0551

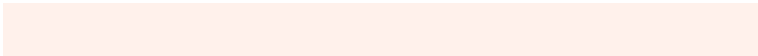
Harmonies

Analogous

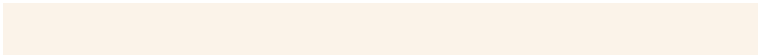
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.6601, 90.1688, 95.0089



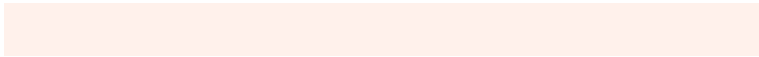
87.6907, 90.1688, 91.3798



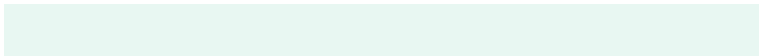
86.1967, 90.1688, 89.5878

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.6907, 90.1688, 91.3798



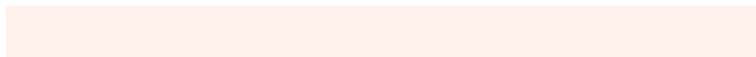
82.6481, 90.1688, 96.7733



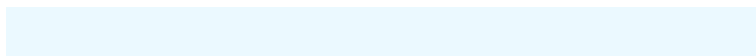
86.8265, 90.1688, 106.7928

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



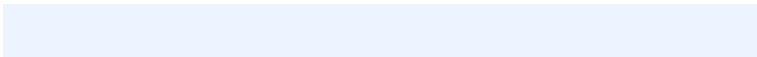
87.6907, 90.1688, 91.3798



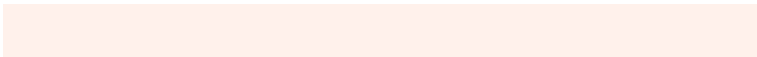
86.1858, 92.6311, 107.9448

Split Complementary

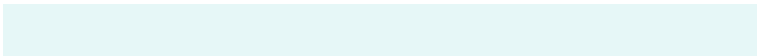
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.2107, 90.1688, 107.3015



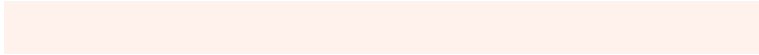
87.6907, 90.1688, 91.3798



82.8119, 90.1688, 101.4178

Square

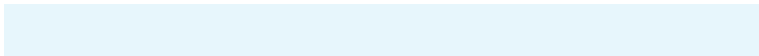
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.6907, 90.1688, 91.3798



83.2947, 90.1688, 92.6363



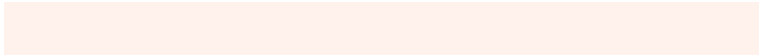
83.7451, 90.1688, 105.3063



88.1567, 90.1688, 103.9375

Rectangle

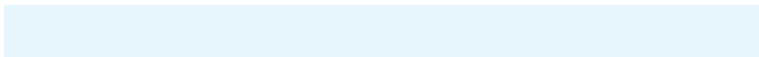
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.6907, 90.1688, 91.3798



85.1100, 90.1688, 89.6358



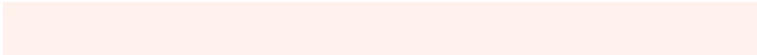
83.7451, 90.1688, 105.3063



86.2982, 90.1688, 107.2474

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87.6928, 90.1725, 91.3817



93.1117, 97.4200, 104.2567



88.0478, 87.5172, 101.8749



19.9501, 20.8790, 22.3639



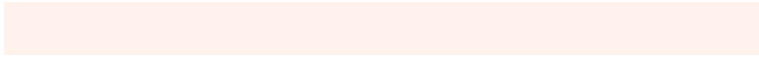
0.0000, 0.0000, 0.0000



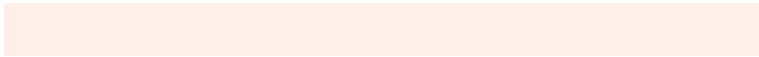
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.6928, 90.1725, 91.3817



86.6617, 88.7873, 88.9513



90.7329, 96.2528, 92.3951



18.4539, 18.8760, 18.8151



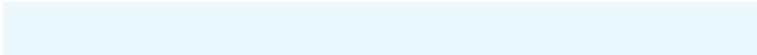
23.0329, 14.0770, 1.5032



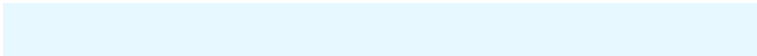
2.3334, 1.5522, 0.1766

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



86.1858, 92.6311, 107.9448



84.9460, 91.5862, 107.8085



83.1784, 86.6163, 106.9424



18.0674, 19.5065, 23.0628



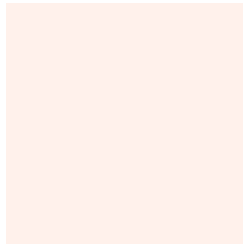
17.9328, 20.7751, 52.4994



1.8419, 2.2144, 5.1436

Previews

White Background



This preview shows how the XYZ color 87.6907, 90.1688, 91.3798 looks on a white background.

Color Contrast Check

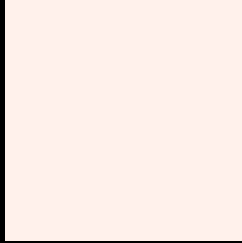
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 87.6907, 90.1688, 91.3798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

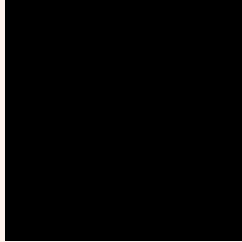
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

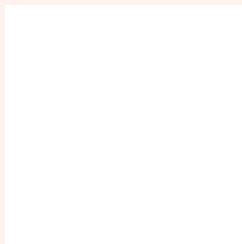
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.6907, 90.1688, 91.3798

Background



This preview shows how black text looks on a background with the XYZ color 87.6907, 90.1688, 91.3798.



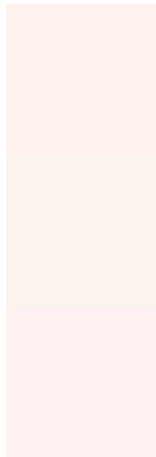
This preview shows how white text looks on a background with the XYZ color 87.6907, 90.1688,

91.3 98.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.6907, 90.1688, 91.3798

Protanopia

86.6153, 90.4813, 92.2564

Deuteranopia

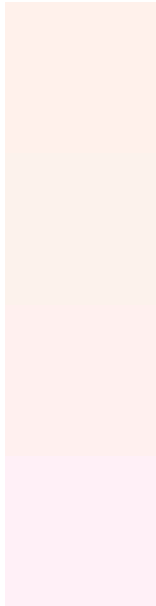
88.2773, 89.9311, 95.9248



Tritanopia

89.9959, 90.1488, 106.4231

Trichromacy



Original Color

87.6907, 90.1688, 91.3798

Protanomaly

87.0373, 90.2558, 92.1906

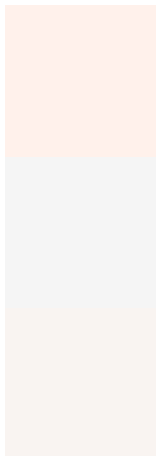
Deuteranomaly

87.9801, 89.8122, 94.3598

Tritanomaly

89.1886, 90.2956, 100.7237

Monochromacy



Original Color

87.6907, 90.1688, 91.3798

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.2948, 91.1920, 96.2200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.6907, 90.1688, 91.3798 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 241, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 235)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 241, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 235) }
```

Border

The CSS property to change the border of an element to XYZ 87.6907, 90.1688, 91.3798 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 241, 235) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 241, 235) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 241, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 87.6907, 90.1688, 91.3798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 235) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
241, 235) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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