

Converting Colors

XYZ(88.4335, 91.7468, 91.3426)

Have a look what the booklet for
XYZ(88.4335, 91.7468, 91.3426)
contains.

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Color

**XYZ(88.5861, 91.9595,
91.6782)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF4EB
RGB	255, 244, 235
RGB Percent	100%, 96%, 92%
CMY	0.0000, 0.0431, 0.0784
CMYK	0.00, 0.04, 0.08, 0.00
HSL	27°, 100%, 96%
HSV	27°, 8%, 100%
XYZ	88.5861, 91.9595, 91.6782
YIQ	246.2630, 9.4450, -0.4670

Conversions

Conversions Part 2

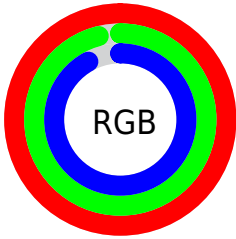
Format	Color
R _Y B	255, 251, 235
Decimal	16774379
CIE Lab	96.80, 2.18, 5.63
CIE LCh	97, 6.040, 68.835
Yxy	91.9595, 0.3254, 0.3378
Android (android.graphics.Color)	4294964459 (0xFFFFF4EB)
YUV	246.2630, -5.5527, 7.6623
Hunter-Lab	95.8955, -2.9229, 10.4443

Details

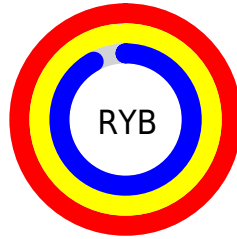
The XYZ color **88.5861, 91.9595, 91.6782** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.2660, 90.7914, 107.6382**, and the grayscale version is **87.8502, 92.4253, 100.6511**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.4086, 51.2269, 49.9315** is the 20% darker color. If you saturate the color by 10%, you get **81.1042, 82.4750, 72.2924**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

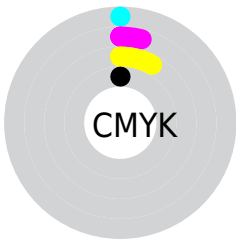
Distribution



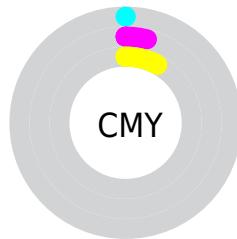
- Red (100%)
- Green (96%)
- Blue (92%)



- Red (100%)
- Yellow (98%)
- Blue (92%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.5861, 91.9595, 91.6782 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 88.5861, 91.9595, 91.6782 by changing the saturation by 10% instead.

88.5861, 91.9595,
91.6782

88.5861, 91.9595,
91.6782

511.7274,
534.3846, 554.1853

67.1410, 69.6070,
68.7918

144.2612,
150.0573, 151.6231

49.4703, 51.2062,
50.0715

179.2219,
186.5713, 189.5188

35.2088, 36.3727,
35.0986

219.4185,
228.5746, 233.2546

23.9910, 24.7222,
23.4547

265.2164,
276.4517, 283.2492

15.4517, 15.8702,
14.7212

316.9808,
330.5868, 339.9210

9.2254, 9.4324,
8.4795

375.0772,

4.9467, 5.0243,

391.3644, 403.6886

4.3111

439.8710,
459.1689, 474.9705

■ 2.2505, 2.2615,
1.7975

■ 0.7691, 0.7532,
0.4263

■ 88.5861, 91.9595,
91.6782

■ 88.5861, 91.9595,
91.6782

■ 81.1042, 82.4750,
72.2924

95.0500, 100.0000,
108.9000

■ 74.4398, 73.8166,
55.6730

■ 68.5638, 65.9638,
41.6932

■ 63.4425, 58.8909,
30.2142

■ 59.0397, 52.5708,
21.0842

■ 55.3157, 46.9745,
14.1345

■ 52.2260, 42.0702,
9.1738

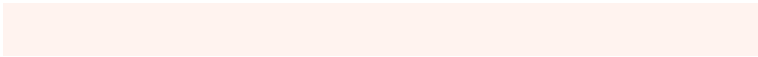
■ 49.7194, 37.8230,
5.9765

■ 47.7297, 34.1912,
4.2419

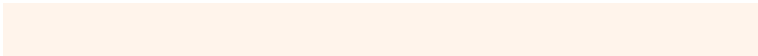
Harmonies

Analogous

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



89.9667, 91.9595, 94.3915



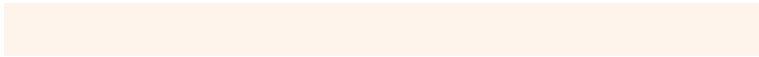
88.5861, 91.9595, 91.6782



86.9054, 91.9595, 91.1901

Triad

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



88.5861, 91.9595, 91.6782



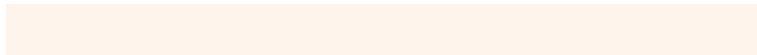
84.2254, 91.9595, 101.5680



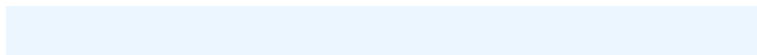
89.4633, 91.9595, 107.5722

Complementary

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



88.5861, 91.9595, 91.6782



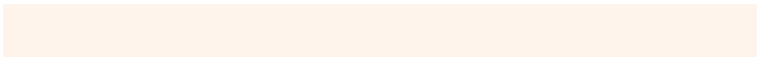
85.2660, 90.7914, 107.6382

Split Complementary

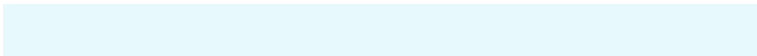
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.9060, 91.9595, 109.6322



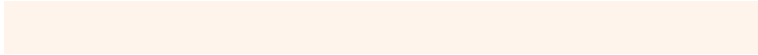
88.5861, 91.9595, 91.6782



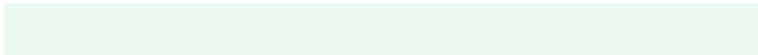
84.8919, 91.9595, 106.0929

Square

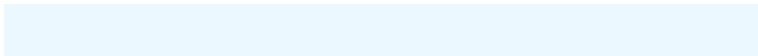
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.5861, 91.9595, 91.6782



84.4022, 91.9595, 96.7977



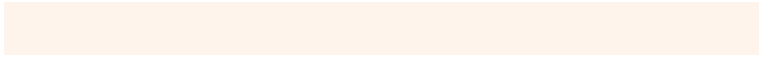
86.2339, 91.9595, 109.0822



90.4777, 91.9595, 103.5344

Rectangle

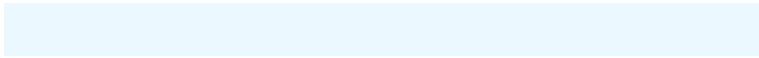
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.5861, 91.9595, 91.6782



85.8431, 91.9595, 92.1764



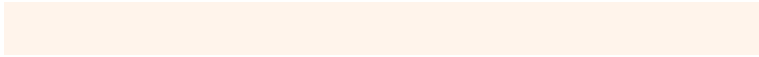
86.2339, 91.9595, 109.0822



88.9852, 91.9595, 108.5248

Sweetspot

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



88.5881, 91.9633, 91.6802



93.3517, 97.9000, 104.3367



87.5835, 87.3315, 99.4299



19.9989, 20.9767, 22.3801



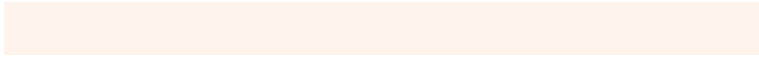
0.0000, 0.0000, 0.0000



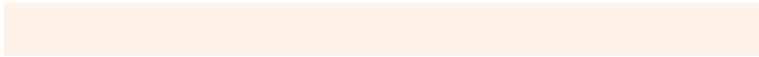
20.3446, 21.4041, 23.3091

Same Dimension

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



88.5881, 91.9633, 91.6802



87.6789, 90.8217, 89.2903



91.6775, 98.1419, 92.7099



18.6828, 19.3339, 18.8914



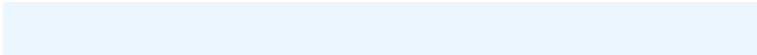
24.8855, 17.7822, 2.1207



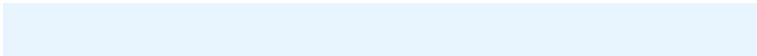
2.5303, 1.9459, 0.2422

Inverse Universe

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



85.2660, 90.7914, 107.6382



83.8966, 89.4875, 107.4587



82.3074, 84.8743, 106.6521



17.8308, 19.0333, 22.9840



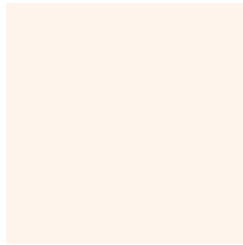
14.4972, 13.9040, 51.3542



1.5207, 1.5721, 5.0366

Previews

White Background



This preview shows how the XYZ color 88.5861, 91.9595, 91.6782 looks on a white background.

Color Contrast Check

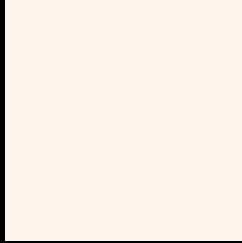
Large Text (above 18pt) WCAG AA × Fail

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 88.5861, 91.9595, 91.6782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

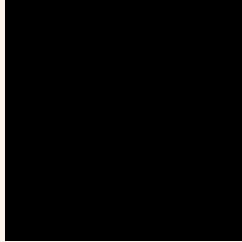
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.5861, 91.9595, 91.6782

Background



This preview shows how black text looks on a background with the XYZ color 88.5861, 91.9595, 91.6782.



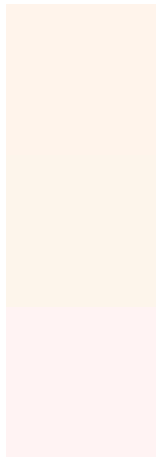
This preview shows how white text looks on a background with the XYZ color 88.5861, 91.9595,

91.6 82.

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

88.5861, 91.9595, 91.6782

Protanopia

88.1558, 92.1856, 91.7446

Deuteranopia

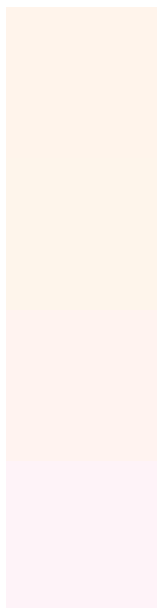
89.4683, 91.8322, 97.8039



Tritanopia

90.6752, 91.7951, 107.5469

Trichromacy



Original Color

88.5861, 91.9595, 91.6782

Protanomaly

88.5209, 92.3738, 91.7616

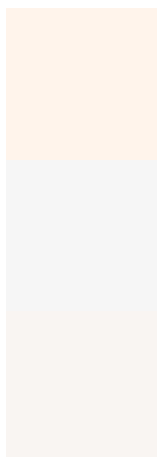
Deuteranomaly

89.0188, 91.6525, 95.4370

Tritanomaly

89.8669, 91.9493, 101.8184

Monochromacy



Original Color

88.5861, 91.9595, 91.6782

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.7463, 91.8554, 97.1095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.5861, 91.9595, 91.6782 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, 244, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 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, 244, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 235) }
```

Border

The CSS property to change the border of an element to XYZ 88.5861, 91.9595, 91.6782 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, 244, 235) }
```


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

```
.border{ border-color:rgb(255, 244, 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, 244, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 88.5861, 91.9595, 91.6782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 235) }
```

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

```
.background{ background-color: rgb(255,  
244, 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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