

Converting Colors

XYZ(87.1492, 91.7798, 91.7206)

Have a look what the booklet for
XYZ(87.1492, 91.7798, 91.7206)
contains.

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Color

**XYZ(87.0721, 91.6270,
91.6938)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF5EB
RGB	250, 245, 235
RGB Percent	98%, 96%, 92%
CMY	0.0196, 0.0392, 0.0784
CMYK	0.00, 0.02, 0.06, 0.02
HSL	40°, 60%, 95%
HSV	40°, 6%, 98%
XYZ	87.0721, 91.6270, 91.6938
YIQ	245.3550, 6.1900, -2.0500

Conversions

Conversions Part 2

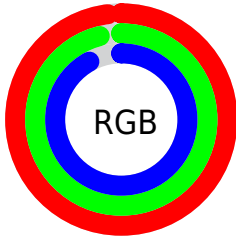
Format	Color
R _Y B	243, 250, 235
Decimal	16446955
CIE Lab	96.67, -0.03, 5.39
CIE LCh	97, 5.387, 90.328
Yxy	91.6270, 0.3220, 0.3389
Android (android.graphics.Color)	4294637035 (0xFFFAF5EB)
YUV	245.3550, -5.1050, 4.0737
Hunter-Lab	95.7220, -5.1436, 10.2104

Details

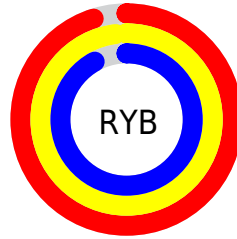
The XYZ color 87.0721, 91.6270, 91.6938 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 82.6761, 86.8829, 102.8560, and the grayscale version is 87.1154, 91.6522, 99.8092.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.5824, 51.1192, 49.9542 is the 20% darker color. If you saturate the color by 10%, you get 81.2497, 85.3611, 73.1678, and if you desaturate by 10%, it is 92.7047, 98.0042, 108.6384.

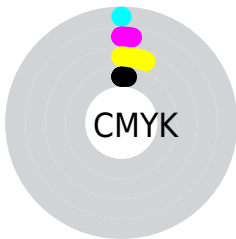
Distribution



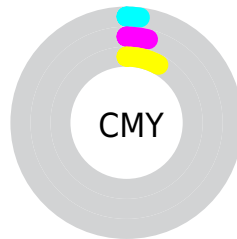
- Red (98%)
- Green (96%)
- Blue (92%)



- Red (95%)
- Yellow (98%)
- Blue (92%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (2%)



- Cyan (2%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.0721, 91.6270, 91.6938 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 87.0721, 91.6270, 91.6938 by changing the saturation by 10% instead.

87.0721, 91.6270,
91.6938

87.0721, 91.6270,
91.6938

506.8408,
533.3093, 554.2371

65.8831, 69.3309,
68.8047

142.1638,
149.5963, 151.6449

48.4449, 50.9812,
50.0819

176.7972,
186.0383, 189.5441

34.3920, 36.1937,
35.1069

216.6427,
227.9643, 233.2837

23.3592, 24.5838,
23.4610

262.0659,
275.7588, 283.2822

14.9812, 15.7672,
14.7258

313.4319,
329.8062, 339.9583

8.8924, 9.3596,
8.4827

371.1061,

4.7276, 4.9765,

390.4908, 403.7305

4.3132

435.4539,
458.1970, 475.0172

■ 2.1214, 2.2335,
1.7987

■ 0.7008, 0.7381,
0.4271

■ 87.0721, 91.6270,
91.6938

■ 87.0721, 91.6270,
91.6938

■ 81.2497, 85.3611,
73.1678

■ 92.7047, 98.0042,
108.6384

■ 76.0232, 79.5097,
57.2398

■ 93.2347, 99.0642,
108.8150

■ 71.3712, 74.0646,
43.7926

■ 67.2678, 69.0131,
32.6976

■ 63.6850, 64.3414,
23.8148

■ 60.5917, 60.0346,
16.9889

■ 57.9533, 56.0762,
12.0444

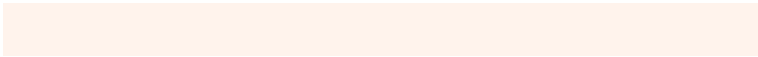
■ 55.7290, 52.4472,
8.7763

■ 53.8689, 49.1250,
6.9300

Harmonies

Analogous

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



88.5314, 91.6270, 92.7264



87.0721, 91.6270, 91.6938



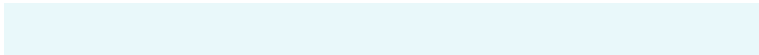
85.6334, 91.6270, 92.7717

Triad

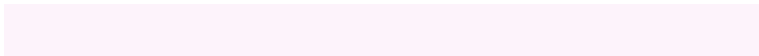
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.0721, 91.6270, 91.6938



84.6109, 91.6270, 104.0167



89.6314, 91.6270, 103.9319

Complementary

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



87.0721, 91.6270, 91.6938



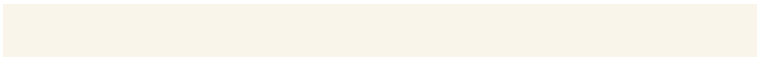
82.6761, 86.8829, 102.8560

Split Complementary

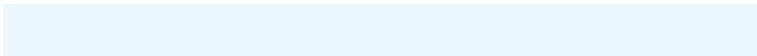
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.5605, 91.6270, 107.1038



87.0721, 91.6270, 91.6938



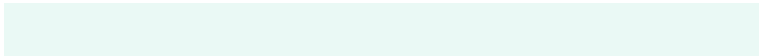
85.6618, 91.6270, 107.1537

Square

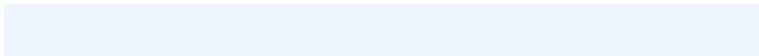
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.0721, 91.6270, 91.6938



84.2225, 91.6270, 99.8138



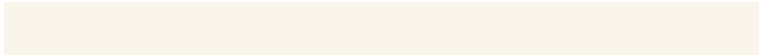
87.1053, 91.6270, 108.2991



90.0193, 91.6270, 99.7186

Rectangle

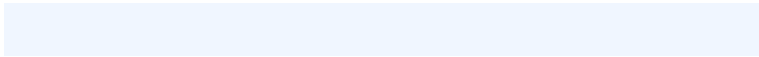
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.0721, 91.6270, 91.6938



84.8768, 91.6270, 94.5605



87.1053, 91.6270, 108.2991



89.3387, 91.6270, 105.1596

Sweetspot

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



87.0746, 91.6310, 91.6958



93.7002, 98.5970, 104.4529



84.8620, 86.0332, 94.5726



20.0699, 21.1186, 22.4038



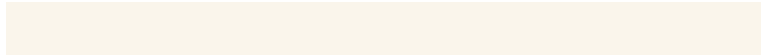
0.0000, 0.0000, 0.0000



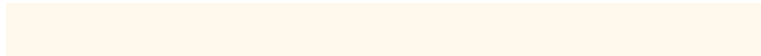
20.3446, 21.4041, 23.3091

Same Dimension

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



87.0746, 91.6310, 91.6958



90.4409, 95.1690, 93.8384



87.7164, 94.2356, 92.1647



18.4551, 19.4192, 18.9814



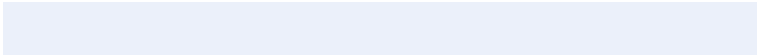
28.3550, 25.6666, 3.4597



2.7235, 2.5719, 0.3529

Inverse Universe

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



82.6761, 86.8829, 102.8560



85.1040, 89.4080, 107.3797



82.0571, 84.4108, 102.4114



17.2744, 18.1447, 21.9771



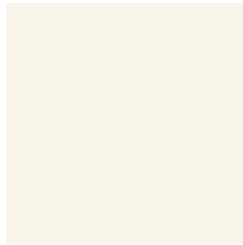
10.9214, 7.1983, 48.7873



1.1046, 0.8529, 4.5496

Previews

White Background



This preview shows how the XYZ color 87.0721, 91.6270, 91.6938 looks on a white background.

Color Contrast Check

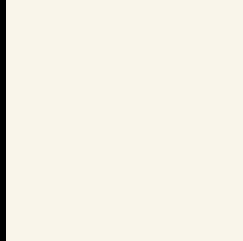
Large Text (above 18pt) WCAG AA × Fail

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 87.0721, 91.6270, 91.6938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

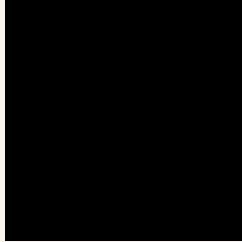
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.0721, 91.6270, 91.6938

Background



This preview shows how black text looks on a background with the XYZ color 87.0721, 91.6270, 91.6938.



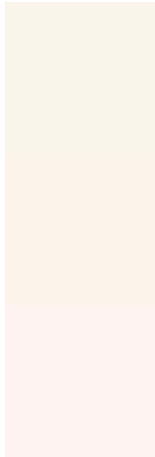
This preview shows how white text looks on a background with the XYZ color 87.0721, 91.6270, 91.6938.

91.6938.

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

87.0721, 91.6270, 91.6938

Protanopia

87.4910, 91.3950, 91.6270

Deuteranopia

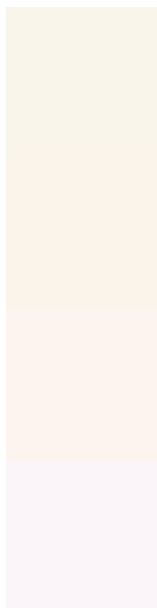
89.3176, 91.7720, 97.0106



Tritanopia

89.8843, 91.8304, 107.5954

Trichromacy



Original Color

87.0721, 91.6270, 91.6938

Protanomaly

87.1297, 91.2088, 91.6101

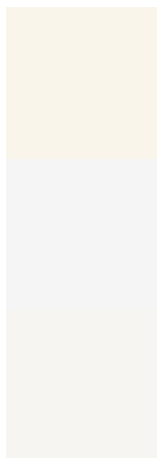
Deuteranomaly

88.4387, 91.8160, 94.7224

Tritanomaly

89.0776, 91.9879, 101.8675

Monochromacy



Original Color

87.0721, 91.6270, 91.6938

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.8874, 91.4298, 96.2874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.0721, 91.6270, 91.6938 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(250, 245, 235) looks like.

```
.text, #text, p{  
    color:rgb(250, 245, 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(250, 245, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 245, 235) }
```

Border

The CSS property to change the border of an element to XYZ 87.0721, 91.6270, 91.6938 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(250, 245, 235) }
```


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

```
.border{ border-color:rgb(250, 245, 235) }
```

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

Here you see how a box with a 4 pixel rgb(250, 245, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 245, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 245, 235);  
box-shadow:4px 4px 4px 4px rgb(250, 245,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 87.0721, 91.6270, 91.6938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 245, 235) }
```

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

```
.background{ background-color: rgb(250,  
245, 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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