

Converting Colors

XYZ(90.6697, 95.1995, 96.5630)

Have a look what the booklet for
XYZ(90.6697, 95.1995, 96.5630)
contains.

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Color

**XYZ(90.6259, 95.1731,
96.8128)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF9F1
RGB	254, 249, 241
RGB Percent	100%, 98%, 95%
CMY	0.0039, 0.0235, 0.0549
CMYK	0.00, 0.02, 0.05, 0.00
HSL	37°, 87%, 97%
HSV	37°, 5%, 100%
XYZ	90.6259, 95.1731, 96.8128
YIQ	249.5830, 5.5480, -1.4280

Conversions

Conversions Part 2

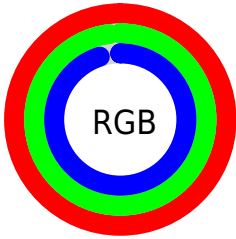
Format	Color
R_{YB}	249, 254, 241
Decimal	16710129
CIE _{Lab}	98.10, 0.30, 4.41
CIE _{LCh}	98, 4.421, 86.083
Yxy	95.1731, 0.3207, 0.3368
Android (android.graphics.Color)	4294900209 (0xFFFEF9F1)
YUV	249.5830, -4.2314, 3.8737
Hunter-Lab	97.5567, -4.9056, 9.4518

Details

The XYZ color 90.6259, 95.1731, 96.8128 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.1206, 91.7665, 106.8880, and the grayscale version is 90.5552, 95.2711, 103.7502.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.8529, 53.5130, 53.5478 is the 20% darker color. If you saturate the color by 10%, you get 84.1553, 87.8856, 77.2242, and if you desaturate by 10%, it is 94.6835, 99.8111, 108.8828.

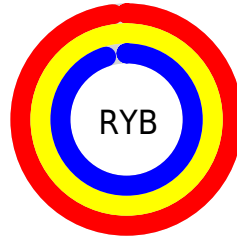
Distribution



Red (100%)

Green (98%)

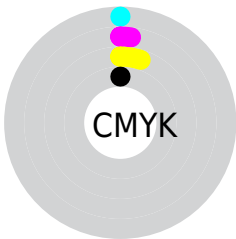
Blue (95%)



Red (98%)

Yellow (100%)

Blue (95%)

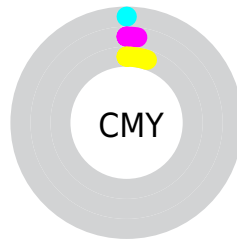


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.6259, 95.1731, 96.8128 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 90.6259, 95.1731, 96.8128 by changing the saturation by 10% instead.

90.6259, 95.1731,
96.8128

90.6259, 95.1731,
96.8128

518.2724,
544.7190, 571.0842

68.8379, 72.2791,
73.0395

147.0814,
154.5037, 158.7837

50.8558, 53.3867,
53.5162

182.4796,
191.7091, 197.8185

36.3145, 38.1115,
37.8245

223.1453,
234.4537, 242.7774

24.8484, 26.0693,
25.5457

269.4437,
283.1219, 294.0791

16.0923, 16.8755,
16.2614

321.7403,
338.0982, 352.1421

9.6807, 10.1457,
9.5530

380.4003,

5.2484, 5.4957,

399.7668, 417.3849

5.0019

445.7892,
468.5123, 490.2261

■ 2.4300, 2.5409,
2.1896

■ 0.8601, 0.8971,
0.6684

■ 90.6259, 95.1731,
96.8128

■ 90.6259, 95.1731,
96.8128

■ 84.1553, 87.8856,
77.2242

94.6835, 99.8111,
108.8828

■ 78.3438, 81.1056,
60.3565

■ 73.1683, 74.8232,
46.0885

■ 68.6013, 69.0233,
34.2872

■ 64.6129, 63.6900,
24.8079

■ 61.1702, 58.8060,
17.4903

■ 58.2364, 54.3524,
12.1538

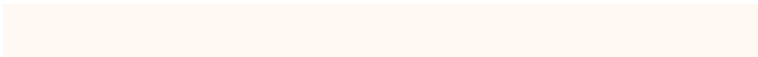
■ 55.7691, 50.3076,
8.5879

■ 53.7162, 46.6463,
6.5333

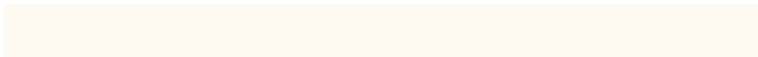
Harmonies

Analogous

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



91.8271, 95.1731, 97.9375



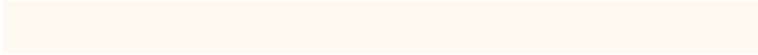
90.6259, 95.1731, 96.8128



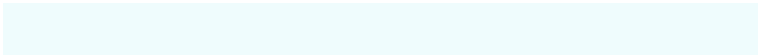
89.3909, 95.1731, 97.4787

Triad

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



90.6259, 95.1731, 96.8128



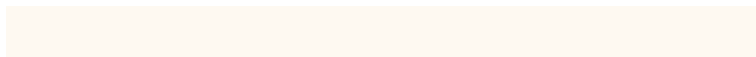
88.2860, 95.1731, 106.7293



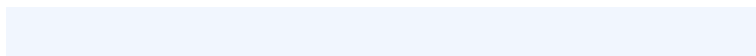
92.4985, 95.1731, 107.5745

Complementary

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



90.6259, 95.1731, 96.8128



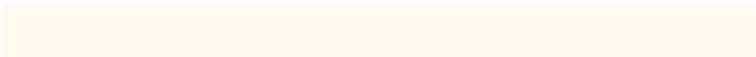
87.1206, 91.7665, 106.8880

Split Complementary

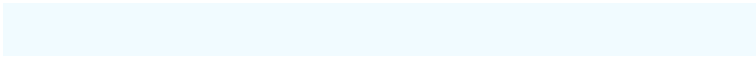
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.5359, 95.1731, 110.0293



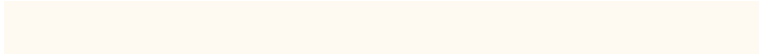
90.6259, 95.1731, 96.8128



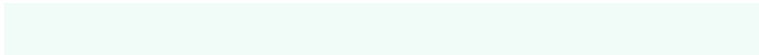
89.1049, 95.1731, 109.5334

Square

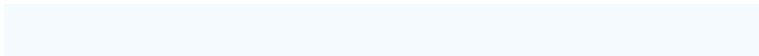
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.6259, 95.1731, 96.8128



88.0473, 95.1731, 103.1509



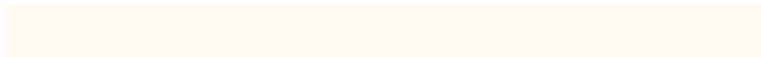
90.2927, 95.1731, 110.7544



92.9147, 95.1731, 104.1053

Rectangle

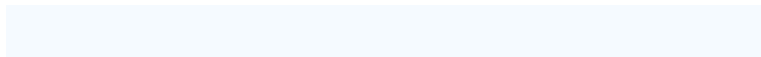
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



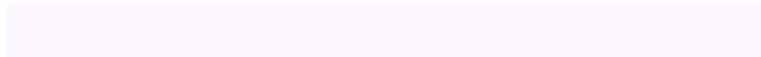
90.6259, 95.1731, 96.8128



88.7134, 95.1731, 98.8569



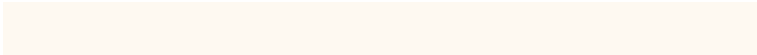
90.2927, 95.1731, 110.7544



92.2277, 95.1731, 108.5488

Sweetspot

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



90.6286, 95.1772, 96.8149



93.6176, 98.4319, 104.4254



88.9948, 90.6489, 100.1575



20.0531, 21.0850, 22.3982



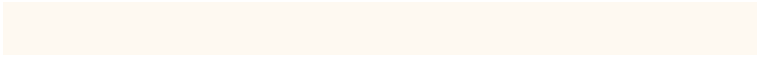
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



90.6286, 95.1772, 96.8149



90.8367, 95.3596, 95.8232



91.7190, 98.0620, 97.3142



19.3479, 20.3052, 20.2188



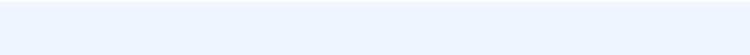
27.9992, 24.0097, 3.1586



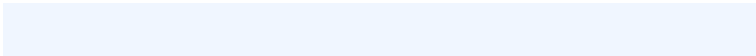
2.8320, 2.5494, 0.3428

Inverse Universe

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



87.1206, 91.7665, 106.8880



86.7113, 91.3485, 107.6696



86.0670, 88.9981, 106.4091



18.3731, 19.3575, 23.0179



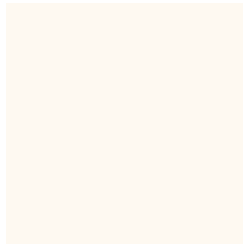
11.8463, 8.6021, 50.4706



1.2553, 1.0412, 4.9481

Previews

White Background



This preview shows how the XYZ color 90.6259, 95.1731, 96.8128 looks on a white background.

Color Contrast Check

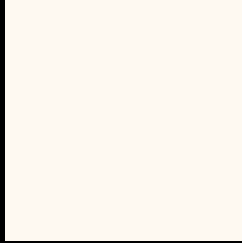
Large Text (above 18pt) WCAG AA × Fail

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 90.6259, 95.1731, 96.8128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

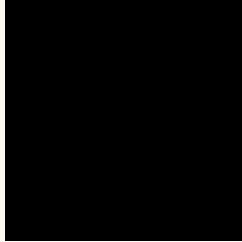
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.6259, 95.1731, 96.8128

Background



This preview shows how black text looks on a background with the XYZ color 90.6259, 95.1731, 96.8128.



This preview shows how white text looks on a background with the XYZ color 90.6259, 95.1731,

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

90.6259, 95.1731, 96.8128

Protanopia

91.1427, 95.4222, 97.6190

Deuteranopia

91.7507, 95.1721, 102.3412

Tritanopia

91.7623, 95.0503, 108.1179

Trichromacy



Original Color

90.6259, 95.1731, 96.8128

Protanomaly

91.1427, 95.4222, 97.6190

Deuteranomaly

91.2888, 94.9874, 99.9092

Tritanomaly

91.3307, 94.9196, 103.9501

Monochromacy



Original Color

90.6259, 95.1731, 96.8128

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.7578, 95.5958, 101.6641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.6259, 95.1731, 96.8128 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(254, 249, 241)` looks like.

```
.text, #text, p{  
    color:rgb(254, 249, 241)  
}
```

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(254, 249, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 249, 241) }
```

Border

The CSS property to change the border of an element to XYZ 90.6259, 95.1731, 96.8128 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(254, 249, 241) }
```


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

```
.border{ border-color:rgb(254, 249, 241) }
```

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

Here you see how a box with a 4 pixel rgb(254, 249, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 249, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 249, 241);  
box-shadow:4px 4px 4px 4px rgb(254, 249,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 90.6259, 95.1731, 96.8128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 249, 241) }
```

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

```
.background{ background-color: rgb(254,  
249, 241) }
```

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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