

Converting Colors

XYZ(100.3397, 100.0000,
95.9591)

Have a look what the booklet for
XYZ(100.3397, 100.0000, 95.9591)
contains.

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Color

**XYZ(90.6957, 95.2434,
95.2650)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF9EF
RGB	255, 249, 239
RGB Percent	100%, 98%, 94%
CMY	0.0000, 0.0235, 0.0627
CMYK	0.00, 0.02, 0.06, 0.00
HSL	38°, 100%, 97%
HSV	38°, 6%, 100%
XYZ	90.6957, 95.2434, 95.2650
YIQ	249.6540, 6.7860, -1.8380

Conversions

Conversions Part 2

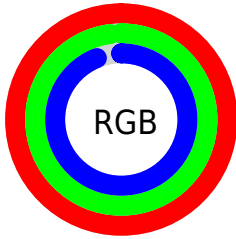
Format	Color
R_{YB}	249, 255, 239
Decimal	16775663
CIE Lab	98.13, 0.31, 5.49
CIE LCh	98, 5.498, 86.797
Yxy	95.2434, 0.3225, 0.3387
Android (android.graphics.Color)	4294965743 (0xFFFFF9EF)
YUV	249.6540, -5.2524, 4.6884
Hunter-Lab	97.5927, -4.9021, 10.4391

Details

The XYZ color 90.6957, 95.2434, 95.2650 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.2983, 90.8732, 107.5996, and the grayscale version is 90.6208, 95.3402, 103.8255.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.9059, 53.5646, 52.4557 is the 20% darker color. If you saturate the color by 10%, you get 84.3132, 88.0879, 75.8441, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

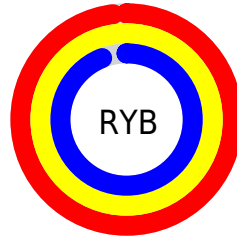
Distribution



Red (100%)

Green (98%)

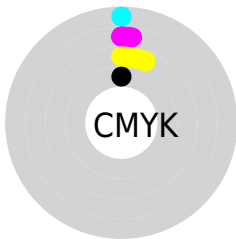
Blue (94%)



Red (98%)

Yellow (100%)

Blue (94%)

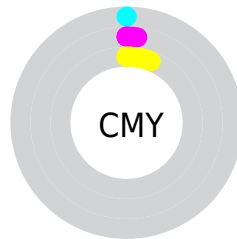


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 90.6957, 95.2434, 95.2650 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 90.6957, 95.2434, 95.2650 by changing the saturation by 10% instead.

 90.6957, 95.2434,
95.2650

 90.6957, 95.2434,
95.2650


518.4956,
544.9439, 566.0190

 68.8960, 72.3376,
71.7574

147.1778,
154.6008, 156.6294

 50.9033, 53.4345,
52.4749


182.5909,
191.8212, 195.3233

 36.3524, 38.1497,
36.9989


223.2725,
234.5819, 239.9164

 24.8779, 26.0989,
24.9109

269.5880,
283.2673, 290.8273

 16.1143, 16.8977,
15.7923

321.9027,
338.2618, 348.4744

 9.6964, 10.1615,
9.2245

380.5819,

 5.2589, 5.5062,

399.9498, 413.2764

4.7891

445.9911,
468.7157, 485.6518

■ 2.4363, 2.5472,
2.0675

■ 0.8632, 0.9002,
0.5963

■ 90.6957, 95.2434,
95.2650

■ 90.6957, 95.2434,
95.2650

■ 84.3132, 88.0879,
75.8441

95.0500, 100.0000,
108.9000

■ 78.5859, 81.4282,
59.1533

■ 73.4902, 75.2542,
45.0689

■ 68.9979, 69.5511,
33.4557

■ 65.0790, 64.3029,
24.1659

■ 61.7001, 59.4925,
17.0357

■ 58.8236, 55.1008,
11.8800

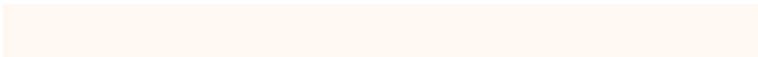
■ 56.4059, 51.1063,
8.4818

■ 54.3933, 47.4833,
6.5712

Harmonies

Analogous

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



92.1982, 95.2434, 96.5994



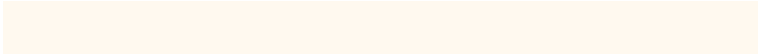
90.6957, 95.2434, 95.2650



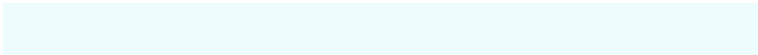
89.1646, 95.2434, 96.1369

Triad

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



90.6957, 95.2434, 95.2650



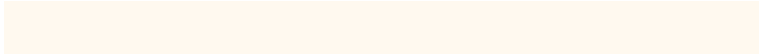
87.8438, 95.2434, 107.6722



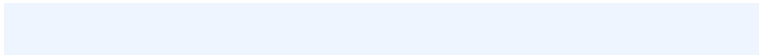
93.0894, 95.2434, 108.5371

Complementary

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



90.6957, 95.2434, 95.2650



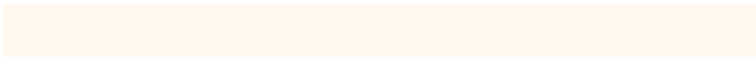
86.2983, 90.8732, 107.5996

Split Complementary

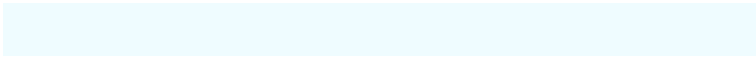
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.9012, 95.2434, 111.6578



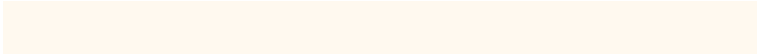
90.6957, 95.2434, 95.2650



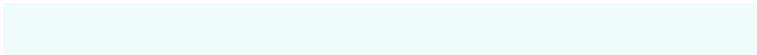
88.8741, 95.2434, 111.1484

Square

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



90.6957, 95.2434, 95.2650



87.5293, 95.2434, 103.2189



90.3565, 95.2434, 112.6269



93.5903, 95.2434, 104.1904

Rectangle

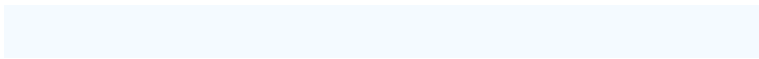
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.6957, 95.2434, 95.2650



88.3316, 95.2434, 97.8663



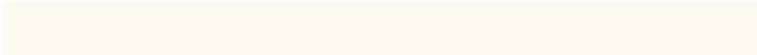
90.3565, 95.2434, 112.6269



92.7564, 95.2434, 109.7691

Sweetspot

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



90.6978, 95.2473, 95.2670



93.6331, 98.4628, 104.4305



88.6090, 89.5949, 99.1172



20.0562, 21.0913, 22.3992



0.0000, 0.0000, 0.0000



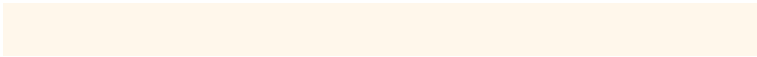
20.3446, 21.4041, 23.3091

Same Dimension

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



90.6978, 95.2473, 95.2670



89.5477, 93.9752, 91.7140



91.8969, 98.6598, 95.8625



18.9559, 19.8799, 18.9825



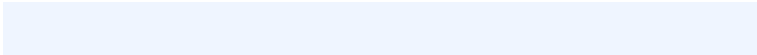
28.2169, 24.4450, 3.2312



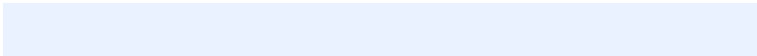
2.8524, 2.5902, 0.3496

Inverse Universe

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



86.2983, 90.8732, 107.5996



84.0035, 88.4632, 107.2554



85.1477, 87.6317, 107.0346



17.5605, 18.4927, 22.8939



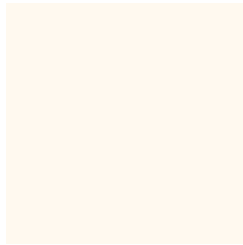
11.7265, 8.3626, 50.4307



1.2426, 1.0158, 4.9439

Previews

White Background



This preview shows how the XYZ color 90.6957, 95.2434, 95.2650 looks on a white background.

Color Contrast Check

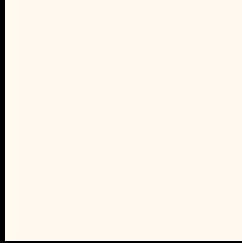
Large Text (above 18pt) WCAG AA × Fail

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 90.6957, 95.2434, 95.2650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

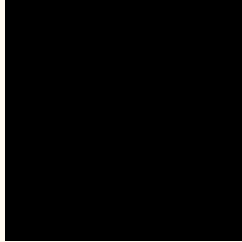
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.6957, 95.2434, 95.2650

Background



This preview shows how black text looks on a background with the XYZ color 90.6957, 95.2434, 95.2650.



This preview shows how white text looks on a background with the XYZ color 90.6957, 95.2434,

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

90.6957, 95.2434, 95.2650

Protanopia

90.9929, 95.3622, 96.8300

Deuteranopia

91.7507, 95.1721, 102.3412

Tritanopia

92.1254, 95.2374, 108.1349

Trichromacy



Original Color

90.6957, 95.2434, 95.2650

Protanomaly

90.8439, 95.3026, 96.0453

Deuteranomaly

91.2888, 94.9874, 99.9092

Tritanomaly

91.5393, 95.0452, 103.1434

Monochromacy



Original Color

90.6957, 95.2434, 95.2650

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.9650, 95.7205, 100.8703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.6957, 95.2434, 95.2650 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, 249, 239) looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 239)  
}
```

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, 249, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 239) }
```

Border

The CSS property to change the border of an element to XYZ 90.6957, 95.2434, 95.2650 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, 249, 239) }
```


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

```
.border{ border-color:rgb(255, 249, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 90.6957, 95.2434, 95.2650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 239) }
```

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

```
.background{ background-color: rgb(255,  
249, 239) }
```

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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