

Converting Colors

XYZ(90.4055, 96.4162, 95.0336)

Have a look what the booklet for
XYZ(90.4055, 96.4162, 95.0336)
contains.

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Color

**XYZ(90.3879, 96.4893,
94.7493)**

Conversions

Conversions Part 1

Format	Color
Hex	FCFCEE
RGB	252, 252, 238
RGB Percent	99%, 99%, 93%
CMY	0.0118, 0.0117, 0.0667
CMYK	0.00, 0.00, 0.06, 0.01
HSL	60°, 70%, 96%
HSV	60°, 6%, 99%
XYZ	90.3879, 96.4893, 94.7493
YIQ	250.4040, 4.4940, -4.3540

Conversions

Conversions Part 2

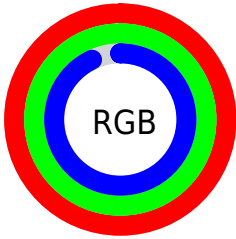
Format	Color
R_{YB}	238, 252, 238
Decimal	16579822
CIE Lab	98.63, -2.39, 6.69
CIE LCh	99, 7.102, 109.631
Yxy	96.4893, 0.3209, 0.3426
Android (android.graphics.Color)	4294769902 (0xFFFCFCEE)
YUV	250.4040, -6.1152, 1.3997
Hunter-Lab	98.2290, -7.6493, 11.5706

Details

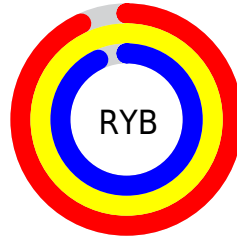
The XYZ color 90.3879, 96.4893, 94.7493 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 83.4089, 86.3571, 104.3730, and the grayscale version is 91.2492, 96.0012, 104.5453.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.4643, 54.0097, 52.0211 is the 20% darker color. If you saturate the color by 10%, you get 86.9396, 95.1127, 76.5950, and if you desaturate by 10%, it is 93.0108, 97.5419, 108.5330.

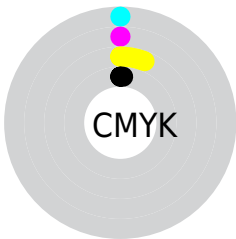
Distribution



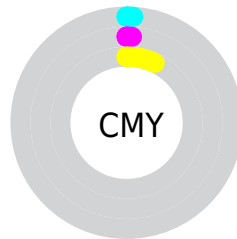
- Red (99%)
- Green (99%)
- Blue (93%)



- Red (93%)
- Yellow (99%)
- Blue (93%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)




- Cyan (1%)
- Magenta (1%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 90.3879, 96.4893, 94.7493 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 90.3879, 96.4893, 94.7493 by changing the saturation by 10% instead.


 90.3879, 96.4893,
94.7493

 90.3879, 96.4893,
94.7493


517.5110,
548.9219, 564.3259

 68.6397, 73.3751,
71.3306


146.7527,
156.3205, 155.9108

 50.6939, 54.2828,
52.1285


182.1001,
193.8064, 194.4907

 36.1851, 38.8278,
36.7246


222.7112,
236.8516, 238.9614

 24.7480, 26.6258,
24.7002

268.9515,
285.8406, 289.7414

 16.0171, 17.2924,
15.6369

321.1862,
341.1577, 347.2494

 9.6272, 10.4432,
9.1160

379.7808,

 5.2128, 5.6938,

403.1874, 411.9037

4.7191

445.1006,
472.3140, 484.1231

■ 2.4087, 2.6598,
2.0276

■ 0.8495, 0.9568,
0.5721

■ 90.3879, 96.4893,
94.7493

■ 90.3879, 96.4893,
94.7493

■ 86.9396, 95.1127,
76.5950

■ 93.0108, 97.5419,
108.5330

■ 83.9855, 93.9307,
61.0555


■ 93.0139, 97.5436,
108.5332


■ 81.5055, 92.9384,
48.0123


■ 93.0171, 97.5452,
108.5333


■ 79.4749, 92.1258,
37.3353


■ 93.0202, 97.5468,
108.5335


 77.8666, 91.4821,
28.8827


 93.0233, 97.5484,
108.5336

 76.6510, 90.9955,
22.4976


 93.0264, 97.5500,
108.5338


 75.7943, 90.6524,
18.0026

 93.0296, 97.5516,
108.5339

 75.2572, 90.4373,
15.1907

 93.0327, 97.5532,
108.5340

 74.9911, 90.3304,
13.8057

 93.0358, 97.5548,
108.5342

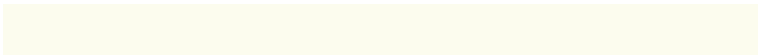
Harmonies

Analogous

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



92.4239, 96.4893, 94.3081



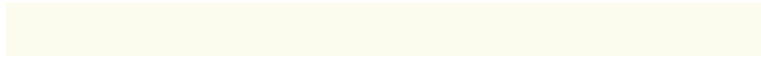
90.3879, 96.4893, 94.7493



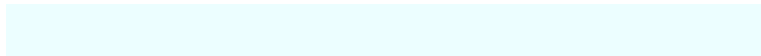
88.7299, 96.4893, 97.8936

Triad

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



90.3879, 96.4893, 94.7493



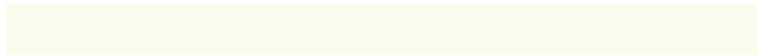
89.1723, 96.4893, 113.9284



95.6558, 96.4893, 107.1123

Complementary

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



90.3879, 96.4893, 94.7493



83.4089, 86.3571, 104.3730

Split Complementary

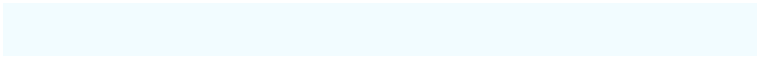
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.7565, 96.4893, 112.5688



90.3879, 96.4893, 94.7493



91.0002, 96.4893, 116.6005

Square

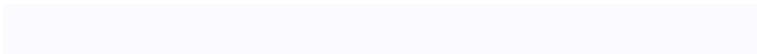
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



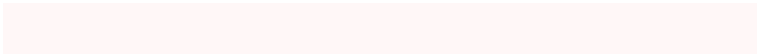
90.3879, 96.4893, 94.7493



88.0354, 96.4893, 108.9118



93.0453, 96.4893, 116.0938



95.4859, 96.4893, 101.3009

Rectangle

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



90.3879, 96.4893, 94.7493



88.0523, 96.4893, 101.1672



93.0453, 96.4893, 116.0938



95.4680, 96.4893, 109.0523

Sweetspot

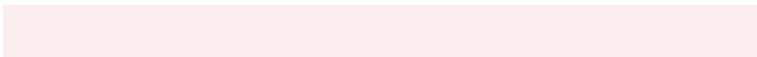
The Sweet Spot groups the original color and five complimentary colors.



90.3906, 96.4935, 94.7514



94.2390, 99.6755, 104.6327



86.1551, 88.0199, 93.3391



20.1795, 21.3381, 22.4404



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.



90.3906, 96.4935, 94.7514



92.3057, 98.9020, 94.4607



87.9028, 95.2110, 94.6350



18.8688, 20.2473, 19.1194



39.0290, 47.0385, 7.0223



3.6149, 4.3567, 0.6504

Inverse Universe

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



83.4089, 86.3571, 104.3730



83.3548, 85.9067, 106.7961



85.8043, 87.5920, 104.4851



16.8886, 17.3723, 21.8484



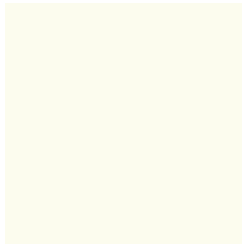
9.1536, 3.6615, 48.1979



0.8480, 0.3392, 4.4640

Previews

White Background



This preview shows how the XYZ color 90.3879, 96.4893, 94.7493 looks on a white background.

Color Contrast Check

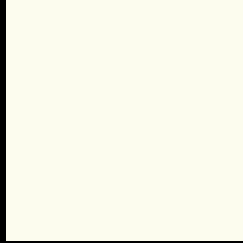
Large Text (above 18pt) WCAG AA × Fail

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 90.3879, 96.4893, 94.7493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

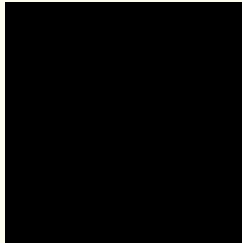
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.3879, 96.4893, 94.7493

Background



This preview shows how black text looks on a background with the XYZ color 90.3879, 96.4893, 94.7493.



This preview shows how white text looks on a background with the XYZ color 90.3879, 96.4893, 94.7493.

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

90.3879, 96.4893, 94.7493

Protanopia

91.7547, 96.1629, 99.3132

Deuteranopia

92.6809, 96.5333, 104.1905

Tritanopia

92.3805, 96.2867, 108.3240

Trichromacy



Original Color

90.3879, 96.4893, 94.7493

Protanomaly

91.3972, 96.4760, 97.8090

Deuteranomaly

92.0048, 96.7190, 101.0082

Tritanomaly

91.7409, 96.5294, 103.4193

Monochromacy



Original Color

90.3879, 96.4893, 94.7493



Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.9154, 96.1574, 100.9573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.3879, 96.4893, 94.7493 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(252, 252, 238)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 238)  
}
```

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(252, 252, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 238) }
```

Border

The CSS property to change the border of an element to XYZ 90.3879, 96.4893, 94.7493 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(252, 252, 238) }
```


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

```
.border{ border-color:rgb(252, 252, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 252, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 238);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 90.3879, 96.4893, 94.7493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 238) }
```

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

```
.background{ background-color: rgb(252,  
252, 238) }
```

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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