

Converting Colors

XYZ(39.5932, 34.3363, 30.3693)

Have a look what the booklet for
XYZ(39.5932, 34.3363, 30.3693)
contains.

XYZ(39.6822, 34.4655, 30.5476)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.6822, 34.4655,
30.5476)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8F8F
RGB	204, 143, 143
RGB Percent	80%, 56%, 56%
CMY	0.2000, 0.4392, 0.4392
CMYK	0.00, 0.30, 0.30, 0.20
HSL	0°, 37%, 68%
HSV	0°, 30%, 80%
XYZ	39.6822, 34.4655, 30.5476
YIQ	161.2390, 36.3560, 12.9320

Conversions

Conversions Part 2

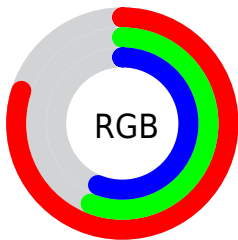
Format	Color
R_{YB}	204, 143, 143
Decimal	13406095
CIE _{Lab}	65.33, 23.14, 9.30
CIE _{LCh}	65, 24.935, 21.889
Yxy	34.4655, 0.3790, 0.3292
Android (android.graphics.Color)	4291596175 (0xFFCC8F8F)
YUV	161.2390, -8.9918, 37.5014
Hunter-Lab	58.7073, 17.9162, 10.2443

Details

The XYZ color **39.6822, 34.4655, 30.5476** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.8188, 53.3830, 65.1212**, and the grayscale version is **34.0169, 35.7884, 38.9736**.

A 20% lighter version of the original color is **71.2843, 65.2237, 61.6557**, and **18.0157, 14.7405, 12.2516** is the 20% darker color. If you saturate the color by 10%, you get **35.4864, 28.3261, 22.2053**, and if you desaturate by 10%, it is **44.7177, 41.8342, 40.5569**.

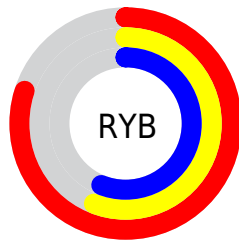
Distribution



Red (80%)

Green (56%)

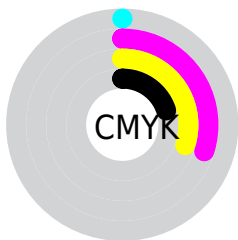
Blue (56%)



Red (80%)

Yellow (56%)

Blue (56%)

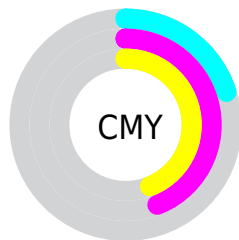


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (20%)



Cyan (20%)


Magenta (44%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6822, 34.4655, 30.5476 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 39.6822, 34.4655, 30.5476 by changing the saturation by 10% instead.


 39.6822, 34.4655,
30.5476


 39.6822, 34.4655,
30.5476

335.9397,
322.2027, 318.7351

 27.4740, 23.2514,
19.9990

 73.9668, 66.6569,
61.5983

 18.0679, 14.7793,
12.2103

 96.7738, 88.4030,
82.9375

 11.0987, 8.6646,
6.7628


 123.8444,
114.4287, 108.7107

 6.2011, 4.5231,
3.2380

155.5441,
145.1181, 139.3364

 3.0095, 1.9703,
1.2174

192.2381,
180.8559, 175.2332

 1.1588, 0.5901,
0.0000

234.2918,

 0.0735, 0.0000,

222.0263, 216.8195

0.0000

282.0705,
269.0138, 264.5139

■ 0.0000, 0.0000,
0.0000

■ 39.6822, 34.4655,
30.5476

■ 39.6822, 34.4655,
30.5476

■ 35.4864, 28.3261,
22.2053

■ 44.7177, 41.8342,
40.5569

■ 32.0820, 23.3444,
15.4377

■ 50.6322, 50.4887,
52.3148

■ 29.4202, 19.4495,
10.1465

■ 57.4657, 60.4880,
65.8998

■ 27.4458, 16.5602,
6.2216

■ 65.2551, 71.8860,
81.3852

■ 26.0955, 14.5842,
3.5376

■ 74.0352, 84.7336,
98.8402

■ 25.2947, 13.4123,
1.9459

■ 78.7118, 91.5774,
108.1354

■ 24.9053, 12.8425,
1.1720

■ 24.9020, 12.8377,
1.1654

Harmonies

Analogous

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



40.1774, 34.4655, 40.4232



39.6822, 34.4655, 30.5476



37.2649, 34.4655, 23.8766

Triad

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



39.6822, 34.4655, 30.5476



27.5605, 34.4655, 26.4777



31.7820, 34.4655, 61.0399

Complementary

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



39.6822, 34.4655, 30.5476



43.8188, 53.3830, 65.1212

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.



28.6308, 34.4655, 55.5852



39.6822, 34.4655, 30.5476



26.3140, 34.4655, 34.7727

Square

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



39.6822, 34.4655, 30.5476



30.2209, 34.4655, 21.8474



26.6908, 34.4655, 45.4961



35.4341, 34.4655, 59.3369

Rectangle

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



39.6822, 34.4655, 30.5476



34.9798, 34.4655, 21.5343



26.6908, 34.4655, 45.4961



30.6331, 34.4655, 59.9516

Sweetspot

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



39.6831, 34.4671, 30.5483



84.6838, 84.8314, 88.2919



45.6235, 36.8422, 61.8334



17.7929, 17.6703, 18.2363



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.



39.6831, 34.4671, 30.5483



61.0027, 50.1794, 41.2148



44.8996, 44.9000, 32.2871



11.2124, 11.2138, 11.6530



15.6737, 8.0803, 0.7336



0.8086, 0.4169, 0.0379

Inverse Universe

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



43.8188, 53.3830, 65.1212



68.9531, 86.5434, 107.6781



37.2667, 40.2788, 62.9372



11.5432, 12.7269, 14.4185



20.4486, 29.9212, 40.6539



1.0549, 1.5436, 2.0973

Previews

White Background



This preview shows how the XYZ color 39.6822, 34.4655, 30.5476 looks on a white background.

Color Contrast Check

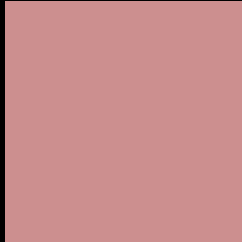
Large Text (above 18pt) WCAG AA × Fail

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 39.6822, 34.4655, 30.5476 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 39.6822, 34.4655, 30.5476

Background



This preview shows how black text looks on a background with the XYZ color 39.6822, 34.4655, 30.5476.



This preview shows how white text looks on a background with the XYZ color 39.6822, 34.4655,

30.5476.

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

39.6822, 34.4655, 30.5476

Protanopia

33.1226, 34.5806, 34.2071

Deuteranopia

35.2550, 34.5293, 30.0060



Tritanopia

40.5173, 34.5921, 34.2472

Trichromacy



Original Color

39.6822, 34.4655, 30.5476

Protanomaly

35.3269, 34.5043, 32.8150

Deuteranomaly

36.6162, 34.2667, 30.2754

Tritanomaly

40.2747, 34.4951, 32.9693

Monochromacy



Original Color

39.6822, 34.4655, 30.5476

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.5198, 34.7914, 35.4152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6822, 34.4655, 30.5476 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(204, 143, 143)` looks like.

```
.text, #text, p{  
    color:rgb(204, 143, 143)  
}
```

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(204, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 143, 143) }
```

Border

The CSS property to change the border of an element to XYZ 39.6822, 34.4655, 30.5476 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(204, 143, 143) }
```


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

```
.border{ border-color:rgb(204, 143, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 143, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 143, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 143, 143);  
box-shadow:4px 4px 4px 4px rgb(204, 143,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6822, 34.4655, 30.5476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 143, 143) }
```

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

```
.background{ background-color: rgb(204,  
143, 143) }
```

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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