

Converting Colors

XYZ(39.5008, 34.8420, 30.7825)

Have a look what the booklet for
XYZ(39.5008, 34.8420, 30.7825)
contains.

XYZ(39.4404, 34.7905, 30.6231)	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(39.4404, 34.7905,
30.6231)**

Conversions

Conversions Part 1

Format	Color
Hex	CA918F
RGB	202, 145, 143
RGB Percent	79%, 57%, 56%
CMY	0.2078, 0.4314, 0.4392
CMYK	0.00, 0.28, 0.29, 0.21
HSL	2°, 36%, 68%
HSV	2°, 29%, 79%
XYZ	39.4404, 34.7905, 30.6231
YIQ	161.8150, 34.6140, 11.4620

Conversions

Conversions Part 2

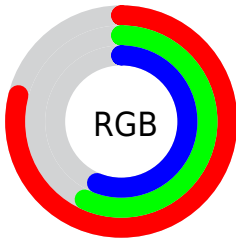
Format	Color
RYB	202, 145, 143
Decimal	13275535
CIELab	65.59, 21.28, 9.63
CIELCh	66, 23.355, 24.345
Yxy	34.7905, 0.3761, 0.3318
Android (android.graphics.Color)	4291465615 (0xFFCA918F)
YUV	161.8150, -9.2758, 35.2422
Hunter-Lab	58.9835, 16.1363, 10.5062

Details

The XYZ color **39.4404, 34.7905, 30.6231** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.6419, 51.4107, 63.5529**, and the grayscale version is **34.2875, 36.0732, 39.2837**.

A 20% lighter version of the original color is **71.7415, 66.1381, 61.8081**, and **18.0111, 14.9988, 12.3017** is the 20% darker color. If you saturate the color by 10%, you get **35.3158, 28.7736, 22.3662**, and if you desaturate by 10%, it is **44.3546, 41.9452, 40.5034**.

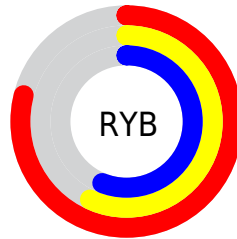
Distribution



Red (79%)

Green (57%)

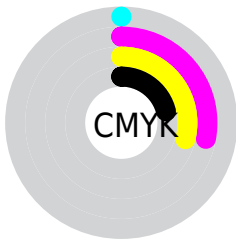
Blue (56%)



Red (79%)

Yellow (57%)

Blue (56%)

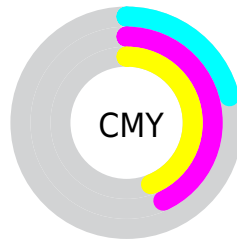


Cyan (0%)

Magenta (28%)

Yellow (29%)

Black (21%)



Cyan (21%)


Magenta (43%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4404, 34.7905, 30.6231 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 39.4404, 34.7905, 30.6231 by changing the saturation by 10% instead.


 39.4404, 34.7905,
30.6231


 39.4404, 34.7905,
30.6231


334.9343,
323.6426, 319.0954

 27.2848, 23.5015,
20.0560


 73.6004, 67.1611,
61.7188

 17.9249, 14.9643,
12.2513

 96.3355, 89.0115,
83.0844

 10.9954, 8.7943,
6.7904


123.3277,
115.1512, 108.8867

 6.1310, 4.6073,
3.2549

154.9425,
145.9646, 139.5440

 2.9663, 2.0187,
1.2262

191.5452,
181.8360, 175.4750

 1.1360, 0.6183,
0.0002

233.5012,

 0.0549, 0.0000,

223.1499, 217.0982

0.0000

281.1757,
270.2906, 264.8322

■ 0.0000, 0.0000,
0.0000

■ 39.4404, 34.7905,
30.6231

■ 39.4404, 34.7905,
30.6231

■ 35.3158, 28.7736,
22.3662

■ 44.3546, 41.9452,
40.5034

■ 31.9370, 23.8313,
15.6439

■ 50.0935, 50.2868,
52.0851

■ 29.2604, 19.9017,
10.3621

■ 56.6937, 59.8676,
65.4437

■ 27.2363, 16.9149,
6.4158

■ 64.1886, 70.7353,
80.6498

■ 25.8091, 14.7918,
3.6854

■ 72.6098, 82.9350,
97.7700

■ 24.9135, 13.4405,
2.0302

■ 78.1671, 91.2966,
108.1099

■ 24.4572, 12.7426,
1.2165

■ 24.4316, 12.7055,
1.1647

Harmonies

Analogous

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



40.0665, 34.7905, 39.7710



39.4404, 34.7905, 30.6231



37.0583, 34.7905, 24.5249

Triad

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



39.4404, 34.7905, 30.6231



27.9977, 34.7905, 27.9124



32.4223, 34.7905, 59.9309

Complementary

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



39.4404, 34.7905, 30.6231



42.6419, 51.4107, 63.5529

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.



29.3737, 34.7905, 55.3737



39.4404, 34.7905, 30.6231



26.9348, 34.7905, 36.0518

Square

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



39.4404, 34.7905, 30.6231



30.4251, 34.7905, 23.1594



27.4207, 34.7905, 46.2035



35.8582, 34.7905, 57.8034

Rectangle

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



39.4404, 34.7905, 30.6231



34.8773, 34.7905, 22.4623



27.4207, 34.7905, 46.2035



31.3211, 34.7905, 59.1090

Sweetspot

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



39.4413, 34.7921, 30.6238



84.9033, 85.2704, 88.3651



44.6090, 36.3735, 59.3337



17.8463, 17.7772, 18.2541



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.



39.4413, 34.7921, 30.6238



62.2474, 52.2988, 42.7701



44.5416, 44.9927, 32.3239



11.2424, 11.2737, 11.6629



15.7346, 8.2022, 0.7539



0.8227, 0.4450, 0.0425

Inverse Universe

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



42.6419, 51.4107, 63.5529



68.5240, 84.9009, 107.3837



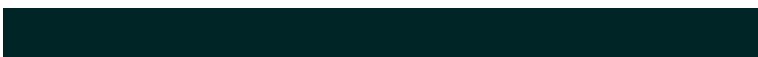
36.4636, 39.0541, 61.4935



11.5093, 12.6591, 14.4072



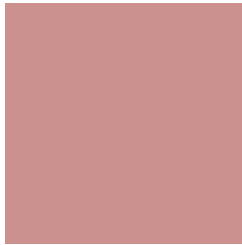
19.4516, 27.9272, 40.3216



1.0139, 1.4616, 2.0836

Previews

White Background



This preview shows how the XYZ color 39.4404, 34.7905, 30.6231 looks on a white background.

Color Contrast Check

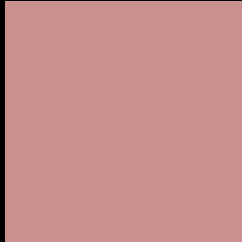
Large Text (above 18pt) WCAG AA × Fail

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 39.4404, 34.7905, 30.6231 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 39.4404, 34.7905, 30.6231

Background



This preview shows how black text looks on a background with the XYZ color 39.4404, 34.7905, 30.6231.



This preview shows how white text looks on a background with the XYZ color 39.4404, 34.7905,

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

39.4404, 34.7905, 30.6231

Protanopia

33.4202, 34.9976, 33.8479

Deuteranopia

35.6547, 34.9794, 30.0718



Tritanopia

40.2838, 34.6745, 35.1415

Trichromacy



Original Color

39.4404, 34.7905, 30.6231

Protanomaly

35.1822, 34.6828, 32.4439

Deuteranomaly

36.9354, 34.9050, 30.3818

Tritanomaly

40.1069, 34.8450, 33.4661

Monochromacy



Original Color

39.4404, 34.7905, 30.6231

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.9363, 35.4906, 35.9667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4404, 34.7905, 30.6231 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(202, 145, 143)` looks like.

```
.text, #text, p{  
    color:rgb(202, 145, 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(202, 145, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 145, 143) }
```

Border

The CSS property to change the border of an element to XYZ 39.4404, 34.7905, 30.6231 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(202, 145, 143) }
```


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

```
.border{ border-color:rgb(202, 145, 143) }
```

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

Here you see how a box with a 4 pixel rgb(202, 145, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 145, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 145, 143);  
box-shadow:4px 4px 4px 4px rgb(202, 145,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4404, 34.7905, 30.6231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 145, 143) }
```

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

```
.background{ background-color: rgb(202,  
145, 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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