

Converting Colors

XYZ(40.4343, 39.6795, 29.6335)

Have a look what the booklet for
XYZ(40.4343, 39.6795, 29.6335)
contains.

XYZ(40.4496, 39.7651, 29.5883)	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(40.4496, 39.7651,
29.5883)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A38A
RGB	196, 163, 138
RGB Percent	77%, 64%, 54%
CMY	0.2314, 0.3608, 0.4588
CMYK	0.00, 0.17, 0.30, 0.23
HSL	26°, 33%, 65%
HSV	26°, 30%, 77%
XYZ	40.4496, 39.7651, 29.5883
YIQ	170.0170, 27.6930, -0.7790

Conversions

Conversions Part 2

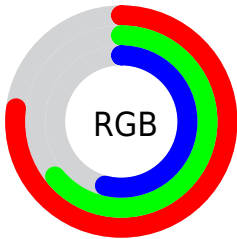
Format	Color
RYB	196, 182, 138
Decimal	12886922
CIELab	69.30, 8.41, 17.53
CIElCh	69, 19.443, 64.362
Yxy	39.7651, 0.3684, 0.3621
Android (android.graphics.Color)	4291077002 (0xFFC4A38A)
YUV	170.0170, -15.7844, 22.7871
Hunter-Lab	63.0596, 4.1447, 16.3221

Details

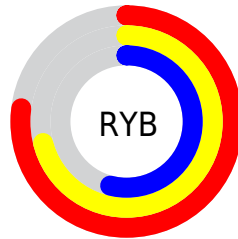
The XYZ color **40.4496, 39.7651, 29.5883** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.0076, 38.5136, 57.8135**, and the grayscale version is **38.2843, 40.2781, 43.8628**.

A 20% lighter version of the original color is **75.0938, 74.8312, 60.3552**, and **18.4304, 17.7362, 11.6846** is the 20% darker color. If you saturate the color by 10%, you get **37.2636, 35.4626, 22.1458**, and if you desaturate by 10%, it is **44.0684, 44.5229, 38.4393**.

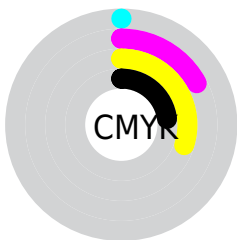
Distribution



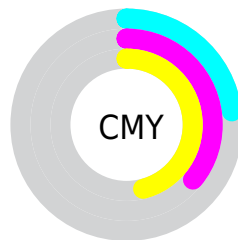
- Red (77%)
- Green (64%)
- Blue (54%)



- Red (77%)
- Yellow (71%)
- Blue (54%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (23%)





- Cyan (23%)
- Magenta (36%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4496, 39.7651, 29.5883 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 40.4496, 39.7651, 29.5883 by changing the saturation by 10% instead.


 40.4496, 39.7651,
29.5883


 40.4496, 39.7651,
29.5883


339.1170,
345.1325, 314.1280


 28.0750, 27.3554,
19.2769


 75.1277, 74.8057,
60.0638

 18.5230, 17.8404,
11.6917

 98.1619, 98.2054,
81.0649

 11.4281, 10.8354,
6.4141


 125.4800,
126.0373, 106.4665

 6.4249, 5.9563,
3.0257

157.4474,
158.6857, 136.6868

 3.1482, 2.8185,
1.1078

194.4294,
196.5350, 172.1447

 1.2326, 1.0377,
0.0000

236.7915,

 0.1319, 0.0000,

239.9696, 213.2584

0.0000

284.8989,
289.3740, 260.4467

■ 0.0000, 0.0000,
0.0000

■ 40.4496, 39.7651,
29.5883

■ 40.4496, 39.7651,
29.5883

■ 37.2636, 35.4626,
22.1458

■ 44.0684, 44.5229,
38.4393

■ 34.4890, 31.5954,
16.0354

■ 48.1339, 49.7441,
48.7650

■ 32.1070, 28.1500,
11.1769

■ 52.6633, 55.4439,
60.6303

■ 30.0962, 25.1099,
7.4804

■ 57.6718, 61.6346,
74.0953

■ 28.4321, 22.4572,
4.8437

■ 63.1738, 68.3284,
89.2172

■ 27.0871, 20.1722,
3.1467

■ 69.0861, 75.4979,
105.5391

■ 26.0141, 18.2270,
2.1701

■ 72.2875, 81.9006,
106.6062

■ 25.9740, 18.1537,
2.1350

■ 75.6909, 88.7075,
107.7407

■ 76.5750, 90.4758,
108.0354

Harmonies

Analogous

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



42.9642, 39.7651, 34.3107



40.4496, 39.7651, 29.5883



37.3413, 39.7651, 28.3334

Triad

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



40.4496, 39.7651, 29.5883



32.1268, 39.7651, 44.6167



41.2817, 39.7651, 59.0754

Complementary

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



40.4496, 39.7651, 29.5883



35.0076, 38.5136, 57.8135

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.



38.2534, 39.7651, 62.7752



40.4496, 39.7651, 29.5883



33.0590, 39.7651, 53.7306

Square

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



40.4496, 39.7651, 29.5883



32.6437, 39.7651, 36.2846



35.2602, 39.7651, 60.6967



43.4628, 39.7651, 51.1603

Rectangle

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



40.4496, 39.7651, 29.5883



35.3758, 39.7651, 29.4631



35.2602, 39.7651, 60.6967



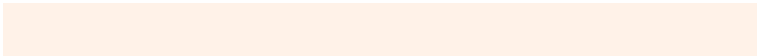
40.3232, 39.7651, 60.8993

Sweetspot

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



40.4506, 39.7669, 29.5891



87.5480, 90.5598, 89.2467



39.2842, 32.8854, 43.2233



18.4935, 19.0716, 18.4698



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.



40.4506, 39.7669, 29.5891



69.1717, 66.5173, 43.9377



46.0198, 50.9053, 31.4455



10.4223, 10.7760, 10.5925



16.7714, 11.8286, 1.3992



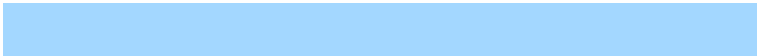
0.7930, 0.6478, 0.0832

Inverse Universe

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



35.0076, 38.5136, 57.8135



57.6040, 63.8452, 103.8950



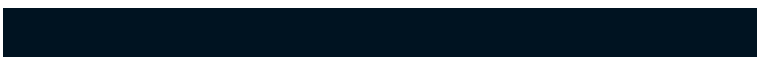
30.2430, 28.9843, 56.2253



9.9932, 10.6777, 12.8191



10.1770, 10.1105, 34.9718



0.5071, 0.5716, 1.5335

Previews

White Background



This preview shows how the XYZ color 40.4496, 39.7651, 29.5883 looks on a white background.

Color Contrast Check

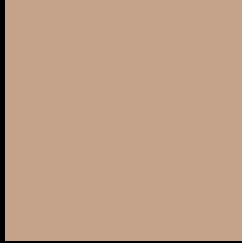
Large Text (above 18pt) WCAG AA × Fail

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 40.4496, 39.7651, 29.5883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

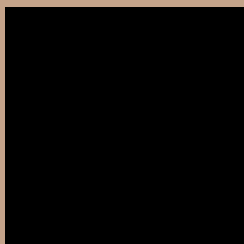
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4496, 39.7651, 29.5883

Background



This preview shows how black text looks on a background with the XYZ color 40.4496, 39.7651, 29.5883.



This preview shows how white text looks on a background with the XYZ color 40.4496, 39.7651,

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

40.4496, 39.7651, 29.5883

Protanopia

37.5861, 39.8827, 30.9164

Deuteranopia

40.7106, 39.8997, 29.6005



Tritanopia

43.3970, 39.6734, 43.8985

Trichromacy



Original Color

40.4496, 39.7651, 29.5883

Protanomaly

38.5599, 39.8452, 30.4695

Deuteranomaly

40.7106, 39.8997, 29.6005

Tritanomaly

42.3820, 39.7869, 38.2468

Monochromacy



Original Color

40.4496, 39.7651, 29.5883

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.5807, 39.6898, 37.9752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4496, 39.7651, 29.5883 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(196, 163, 138)` looks like.

```
.text, #text, p{  
    color:rgb(196, 163, 138)  
}
```

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(196, 163, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 163, 138) }
```

Border

The CSS property to change the border of an element to XYZ 40.4496, 39.7651, 29.5883 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(196, 163, 138) }
```


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

```
.border{ border-color:rgb(196, 163, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 163, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 163, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 163, 138);  
box-shadow:4px 4px 4px 4px rgb(196, 163,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4496, 39.7651, 29.5883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 163, 138) }
```

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

```
.background{ background-color: rgb(196,  
163, 138) }
```

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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