

Converting Colors

XYZ(39.7552, 40.0272, 25.1112)

Have a look what the booklet for
XYZ(39.7552, 40.0272, 25.1112)
contains.

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Color

**XYZ(39.6625, 39.9930,
25.0310)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A57D
RGB	195, 165, 125
RGB Percent	76%, 65%, 49%
CMY	0.2353, 0.3529, 0.5098
CMYK	0.00, 0.15, 0.36, 0.24
HSL	34°, 37%, 63%
HSV	34°, 36%, 76%
XYZ	39.6625, 39.9930, 25.0310
YIQ	169.4100, 30.7200, -6.0800

Conversions

Conversions Part 2

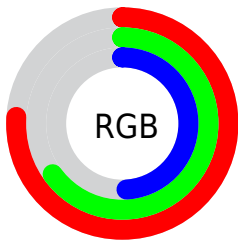
Format	Color
R_{YB}	178, 195, 125
Decimal	12821885
CIE Lab	69.46, 5.26, 24.83
CIE LCh	69, 25.384, 78.050
Yxy	39.9930, 0.3789, 0.3820
Android (android.graphics.Color)	4291011965 (0xFFC3A57D)
YUV	169.4100, -21.8941, 22.4424
Hunter-Lab	63.2400, 1.2805, 20.8005

Details

The XYZ color **39.6625, 39.9930, 25.0310** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.0288, 31.7419, 56.1740**, and the grayscale version is **38.0105, 39.9900, 43.5491**.

A 20% lighter version of the original color is **74.1371, 75.2834, 52.7432**, and **18.0249, 17.9075, 9.3440** is the 20% darker color. If you saturate the color by 10%, you get **37.0790, 36.6277, 18.6157**, and if you desaturate by 10%, it is **42.5911, 43.6569, 32.7688**.

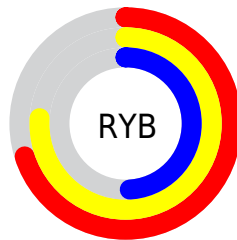
Distribution



Red (76%)

Green (65%)

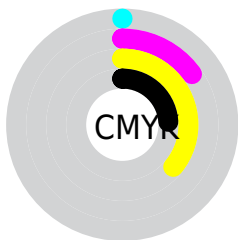
Blue (49%)



Red (70%)

Yellow (76%)

Blue (49%)

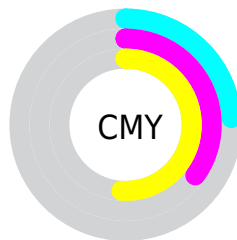


Cyan (0%)

Magenta (15%)

Yellow (36%)

Black (24%)



Cyan (24%)


Magenta (35%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6625, 39.9930, 25.0310 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 39.6625, 39.9930, 25.0310 by changing the saturation by 10% instead.


 39.6625, 39.9930,
25.0310


 39.6625, 39.9930,
25.0310


335.8579,
346.0941, 291.4449


 27.4585, 27.5331,
15.8809


 73.9369, 75.1529,
52.6723

 18.0563, 17.9740,
9.2865


 96.7381, 98.6216,
72.0005

 11.0903, 10.9313,
4.8292


 123.8024,
126.5287, 95.5586

 6.1954, 6.0207,
2.0904

155.4951,
159.2586, 123.7650

 3.0060, 2.8577,
0.6100

192.1817,
197.1957, 157.0383

 1.1569, 1.0579,
0.0000

234.2274,

 0.0720, 0.0000,

240.7244, 195.7970

0.0000

281.9977,
290.2290, 240.4597

■ 0.0000, 0.0000,
0.0000

■ 39.6625, 39.9930,
25.0310

■ 39.6625, 39.9930,
25.0310

■ 37.0790, 36.6277,
18.6157

■ 42.5911, 43.6569,
32.7688

■ 34.8214, 33.5458,
13.4441

■ 45.8767, 47.6226,
41.8968

■ 32.8728, 30.7391,
9.4328

■ 49.5345, 51.9005,
52.4810

■ 31.2134, 28.1964,
6.4868

■ 53.5777, 56.4985,
64.5824

■ 29.8203, 25.9054,
4.4961

■ 58.0187, 61.4245,
78.2585

■ 28.6654, 23.8512,
3.3227

■ 62.8693, 66.6857,
93.5637

■ 28.2383, 23.0673,
2.9641

■ 67.0764, 71.8634,
104.9435

■ 69.3710, 76.4526,
105.7083

■ 71.7774, 81.2654,
106.5105

Harmonies

Analogous

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



43.5107, 39.9930, 28.8612



39.6625, 39.9930, 25.0310



35.6290, 39.9930, 25.4620

Triad

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



39.6625, 39.9930, 25.0310



31.0198, 39.9930, 50.8973



44.1609, 39.9930, 60.3882

Complementary

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



39.6625, 39.9930, 25.0310



30.0288, 31.7419, 56.1740

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.



40.4992, 39.9930, 68.6383



39.6625, 39.9930, 25.0310



32.9975, 39.9930, 62.5187

Square

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



39.6625, 39.9930, 25.0310



30.8312, 39.9930, 39.0501



36.4082, 39.9930, 69.4813



46.2296, 39.9930, 48.3735

Rectangle

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



39.6625, 39.9930, 25.0310



33.3717, 39.9930, 28.1193



36.4082, 39.9930, 69.4813



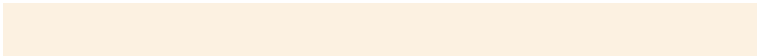
43.0640, 39.9930, 63.7799

Sweetspot

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



39.6635, 39.9949, 25.0318



85.1775, 88.8431, 83.6650



35.7841, 28.6475, 34.8012



18.4565, 19.2253, 17.7554



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.



39.6635, 39.9949, 25.0318



67.3895, 66.9006, 35.7054



44.5356, 51.5012, 26.9960



10.5403, 11.0119, 10.6319



18.4382, 15.1621, 1.9548



0.8640, 0.7897, 0.1069

Inverse Universe

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



30.0288, 31.7419, 56.1740



47.6287, 49.9829, 99.6072



26.3392, 23.3274, 54.7443



9.8753, 10.4418, 12.7798



8.5205, 6.7975, 34.4196



0.4364, 0.4303, 1.5099

Previews

White Background



This preview shows how the XYZ color 39.6625, 39.9930, 25.0310 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 39.6625, 39.9930, 25.0310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

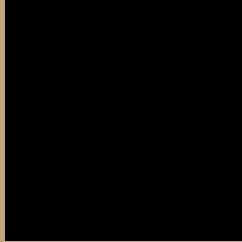
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6625, 39.9930, 25.0310

Background



This preview shows how black text looks on a background with the XYZ color 39.6625, 39.9930, 25.0310.



This preview shows how white text looks on a background with the XYZ color 39.6625, 39.9930,

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

39.6625, 39.9930, 25.0310

Protanopia

37.4969, 40.2268, 25.8669

Deuteranopia

40.8863, 40.0926, 24.9857



Tritanopia

43.5682, 40.0159, 43.9556

Trichromacy



Original Color

39.6625, 39.9930, 25.0310

Protanomaly

38.2620, 40.0764, 25.4576

Deuteranomaly

40.5303, 40.1737, 25.0202

Tritanomaly

41.8663, 39.8286, 36.0529

Monochromacy



Original Color

39.6625, 39.9930, 25.0310

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.1125, 39.7701, 35.8047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6625, 39.9930, 25.0310 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(195, 165, 125)` looks like.

```
.text, #text, p{  
    color:rgb(195, 165, 125)  
}
```

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(195, 165, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 165, 125) }
```

Border

The CSS property to change the border of an element to XYZ 39.6625, 39.9930, 25.0310 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(195, 165, 125) }
```


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

```
.border{ border-color:rgb(195, 165, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 165, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 165, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 165, 125); box-shadow:4px 4px 4px 4px rgb(195, 165, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6625, 39.9930, 25.0310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 165, 125) }
```

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

```
.background{ background-color: rgb(195,  
165, 125) }
```

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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