

Converting Colors

XYZ(39.7158, 39.6129, 22.3473)

Have a look what the booklet for
XYZ(39.7158, 39.6129, 22.3473)
contains.

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Color

**XYZ(39.5968, 39.4845,
22.3639)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A375
RGB	198, 163, 117
RGB Percent	78%, 64%, 46%
CMY	0.2235, 0.3608, 0.5412
CMYK	0.00, 0.18, 0.41, 0.22
HSL	34°, 42%, 62%
HSV	34°, 41%, 78%
XYZ	39.5968, 39.4845, 22.3639
YIQ	168.2210, 35.6260, -6.8860

Conversions

Conversions Part 2

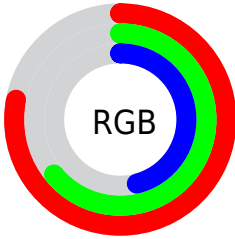
Format	Color
RYB	179, 198, 117
Decimal	13017973
CIELab	69.10, 6.62, 28.72
CIELCh	69, 29.475, 77.026
Yxy	39.4845, 0.3903, 0.3892
Android (android.graphics.Color)	4291208053 (0xFFC6A375)
YUV	168.2210, -25.2520, 26.1162
Hunter-Lab	62.8367, 2.5183, 22.8841

Details

The XYZ color **39.5968, 39.4845, 22.3639** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.7570, 30.3146, 57.7617**, and the grayscale version is **37.4368, 39.3864, 42.8918**.

A 20% lighter version of the original color is **73.5671, 74.3051, 48.4951**, and **18.0555, 17.6259, 7.9193** is the 20% darker color. If you saturate the color by 10%, you get **37.0859, 36.1328, 16.3783**, and if you desaturate by 10%, it is **42.4587, 43.1439, 29.6821**.

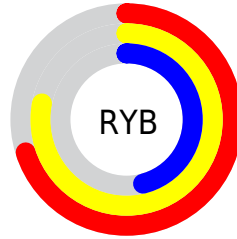
Distribution



Red (78%)

Green (64%)

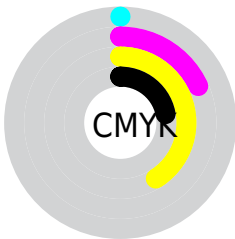
Blue (46%)



Red (70%)

Yellow (78%)

Blue (46%)

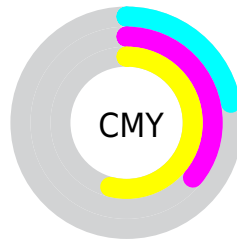


Cyan (0%)

Magenta (18%)

Yellow (41%)

Black (22%)



Cyan (22%)

Magenta (36%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5968, 39.4845, 22.3639 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 39.5968, 39.4845, 22.3639 by changing the saturation by 10% instead.


 39.5968, 39.4845,
22.3639


 39.5968, 39.4845,
22.3639


335.5848,
343.9460, 277.4560


 27.4071, 27.1368,
13.9237


 73.8374, 74.3779,
48.2566

 18.0174, 17.6760,
7.9294


 96.6190, 97.6924,
66.5461

 11.0622, 10.7176,
3.9627


 123.6620,
125.4313, 88.9558

 6.1763, 5.8773,
1.6049

155.3317,
157.9791, 115.9043

 2.9943, 2.7706,
0.2943

191.9935,
195.7200, 147.8100

 1.1507, 1.0132,
0.0000

234.0127,

 0.0669, 0.0000,

239.0386, 185.0915

0.0000

281.7547,
288.3191, 228.1673

■ 0.0000, 0.0000,
0.0000

■ 39.5968, 39.4845,
22.3639

■ 39.5968, 39.4845,
22.3639

■ 37.0859, 36.1328,
16.3783

■ 42.4587, 43.1439,
29.6821

■ 34.9054, 33.0730,
11.6398

■ 45.6848, 47.1151,
38.4065

■ 33.0366, 30.2958,
8.0565

■ 49.2914, 51.4090,
48.6079

■ 31.4576, 27.7889,
5.5228

■ 53.2924, 56.0343,
60.3518

■ 30.1424, 25.5384,
3.9131

■ 57.7014, 60.9993,
73.6997

■ 29.1332, 23.6948,
3.0381

■ 62.5309, 66.3117,
88.7095

■ 67.6961, 71.9405,
104.9257

■ 70.0382, 76.6248,
105.7064

■ 72.4975, 81.5433,
106.5261

Harmonies

Analogous

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



44.0397, 39.4845, 26.6848



39.5968, 39.4845, 22.3639



34.9417, 39.4845, 22.6720

Triad

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



39.5968, 39.4845, 22.3639



29.5261, 39.4845, 51.0333



44.5448, 39.4845, 63.1824

Complementary

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



39.5968, 39.4845, 22.3639



28.7570, 30.3146, 57.7617

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.



40.2406, 39.4845, 72.8291



39.5968, 39.4845, 22.3639



31.6935, 39.4845, 64.8716

Square

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



39.5968, 39.4845, 22.3639



29.3853, 39.4845, 37.4334



35.5341, 39.4845, 73.5049



47.0530, 39.4845, 49.0751

Rectangle

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



39.5968, 39.4845, 22.3639



32.3404, 39.4845, 25.4469



35.5341, 39.4845, 73.5049



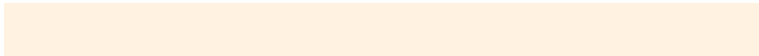
43.2445, 39.4845, 67.1719

Sweetspot

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



39.5978, 39.4864, 22.3647



86.4354, 90.0366, 83.6289



35.3259, 26.9990, 33.0986



18.3135, 19.0507, 17.3641



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.



39.5978, 39.4864, 22.3647



66.1630, 64.6538, 30.1290



45.2956, 52.9575, 24.6646



11.1254, 11.6199, 11.2193



19.0325, 15.5821, 2.0045



0.9722, 0.8798, 0.1186

Inverse Universe

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



28.7570, 30.3146, 57.7617



44.4111, 46.2649, 101.1970



24.6375, 20.9671, 56.1746



10.4273, 11.0286, 13.4966



8.8510, 7.0959, 35.6475



0.4907, 0.4793, 1.7118

Previews

White Background



This preview shows how the XYZ color 39.5968, 39.4845, 22.3639 looks on a white background.

Color Contrast Check

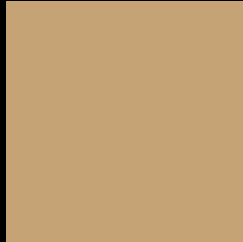
Large Text (above 18pt) WCAG AA × Fail

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 39.5968, 39.4845, 22.3639 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 39.5968, 39.4845, 22.3639

Background



This preview shows how black text looks on a background with the XYZ color 39.5968, 39.4845, 22.3639.



This preview shows how white text looks on a background with the XYZ color 39.5968, 39.4845,

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

39.5968, 39.4845, 22.3639

Protanopia

36.8091, 39.6529, 23.1665

Deuteranopia

40.2186, 39.5425, 22.3423



Tritanopia

43.5850, 39.3006, 42.3344

Trichromacy



Original Color

39.5968, 39.4845, 22.3639

Protanomaly

37.8278, 39.6368, 22.7965

Deuteranomaly

39.9506, 39.4044, 22.3298

Tritanomaly

41.9103, 39.3837, 33.8267

Monochromacy



Original Color

39.5968, 39.4845, 22.3639

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.6514, 39.0261, 33.9821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5968, 39.4845, 22.3639 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(198, 163, 117)` looks like.

```
.text, #text, p{  
    color:rgb(198, 163, 117)  
}
```

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(198, 163, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 163, 117) }
```

Border

The CSS property to change the border of an element to XYZ 39.5968, 39.4845, 22.3639 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(198, 163, 117) }
```


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

```
.border{ border-color:rgb(198, 163, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 163, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 163, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 163, 117);  
box-shadow:4px 4px 4px 4px rgb(198, 163,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5968, 39.4845, 22.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 163, 117) }
```

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

```
.background{ background-color: rgb(198,  
163, 117) }
```

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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