

Converting Colors

XYZ(39.3105, 39.3700, 20.8565)

Have a look what the booklet for
XYZ(39.3105, 39.3700, 20.8565)
contains.

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Color

**XYZ(39.3105, 39.3700,
20.8565)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A370
RGB	198, 163, 112
RGB Percent	78%, 64%, 44%
CMY	0.2235, 0.3608, 0.5608
CMYK	0.00, 0.18, 0.43, 0.22
HSL	36°, 43%, 61%
HSV	36°, 43%, 78%
XYZ	39.3105, 39.3700, 20.8565
YIQ	167.6510, 37.2310, -8.4410

Conversions

Conversions Part 2

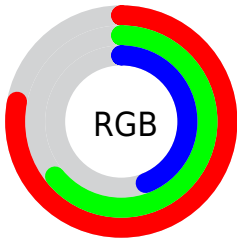
Format	Color
RYB	171, 198, 112
Decimal	13017968
CIELab	69.02, 6.07, 31.29
CIElCh	69, 31.877, 79.022
Yxy	39.3700, 0.3949, 0.3955
Android (android.graphics.Color)	4291208048 (0xFFC6A370)
YUV	167.6510, -27.4359, 26.6161
Hunter-Lab	62.7455, 2.0268, 24.2140

Details

The XYZ color **39.3105, 39.3700, 20.8565** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.3084, 28.3883, 57.4661**, and the grayscale version is **37.1666, 39.1021, 42.5822**.

A 20% lighter version of the original color is **73.0122, 74.0831, 45.5733**, and **17.7370, 17.4785, 7.1415** is the 20% darker color. If you saturate the color by 10%, you get **36.9420, 36.2074, 15.2132**, and if you desaturate by 10%, it is **42.0146, 42.8156, 27.8085**.

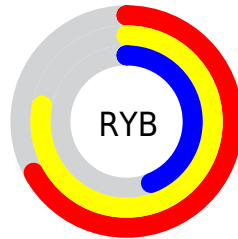
Distribution



Red (78%)

Green (64%)

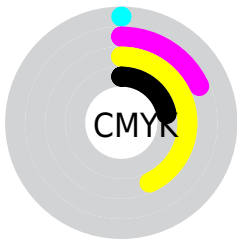
Blue (44%)



Red (67%)

Yellow (78%)

Blue (44%)

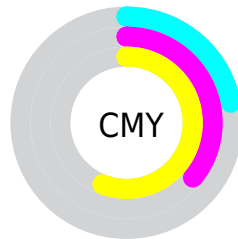


Cyan (0%)

Magenta (18%)

Yellow (43%)

Black (22%)



Cyan (22%)


Magenta (36%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3105, 39.3700, 20.8565 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 39.3105, 39.3700, 20.8565 by changing the saturation by 10% instead.


 39.3105, 39.3700,
20.8565


 39.3105, 39.3700,
20.8565


334.3933,
343.4610, 269.2708

 27.1832, 27.0477,
12.8289


 73.4035, 74.2032,
45.7263


 17.8481, 17.6090,
7.1815


 96.0998, 97.4829,
63.4056

 10.9400, 10.6697,
3.4957


 123.0498,
125.1838, 85.1392

 6.0935, 5.8452,
1.3530

 154.6190,
157.6904, 111.3456

 2.9432, 2.7512,
0.1046

191.1725,
195.3870, 142.4435

 1.1238, 1.0032,
0.0000

233.0759,

 0.0449, 0.0000,

238.6581, 178.8513

0.0000

280.6943,
287.8879, 220.9875

■ 0.0000, 0.0000,
0.0000

■ 39.3105, 39.3700,
20.8565

■ 39.3105, 39.3700,
20.8565

■ 36.9420, 36.2074,
15.2132

■ 42.0146, 42.8156,
27.8085

■ 34.8883, 33.3125,
10.7910

■ 45.0676, 46.5477,
36.1443

■ 33.1307, 30.6763,
7.4953


■ 48.4854, 50.5769,
45.9359


■ 31.6468, 28.2872,
5.2163

■ 52.2823, 54.9111,
57.2499


■ 30.4096, 26.1313,
3.8219


■ 56.4713, 59.5581,
70.1485

 29.7001, 24.8286,
3.2270

 61.0651, 64.5254,
84.6905

 66.0756, 69.8200,
100.9318

 68.9341, 74.4167,
105.3384

 71.1957, 78.9398,
106.0922

Harmonies

Analogous

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



44.1959, 39.3700, 25.0301



39.3105, 39.3700, 20.8565



34.3266, 39.3700, 21.4910

Triad

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



39.3105, 39.3700, 20.8565



28.9265, 39.3700, 52.6440



45.2871, 39.3700, 63.9464

Complementary

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



39.3105, 39.3700, 20.8565



27.3084, 28.3883, 57.4661

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.



40.6939, 39.3700, 75.1149



39.3105, 39.3700, 20.8565



31.3747, 39.3700, 67.6373

Square

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



39.3105, 39.3700, 20.8565



28.6289, 39.3700, 37.7592



35.5911, 39.3700, 76.6006



47.8484, 39.3700, 48.4164

Rectangle

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



39.3105, 39.3700, 20.8565



31.6022, 39.3700, 24.6040



35.5911, 39.3700, 76.6006



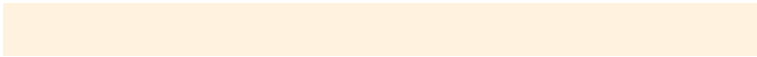
43.9113, 39.3700, 68.4721

Sweetspot

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



39.3115, 39.3719, 20.8573



86.0114, 89.7392, 81.7900



34.4152, 25.7273, 31.1002



18.1067, 18.8552, 16.6226



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.



39.3115, 39.3719, 20.8573



65.6742, 64.4680, 27.5247



44.5627, 52.6127, 23.1363



11.1480, 11.6651, 11.2268



19.4006, 16.3183, 2.1272



0.9885, 0.9124, 0.1240

Inverse Universe

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



27.3084, 28.3883, 57.4661



41.7284, 42.5780, 100.6268



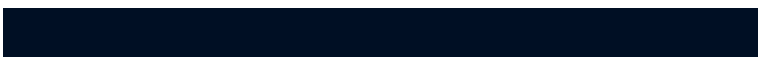
23.6182, 19.5997, 55.9642



10.4051, 10.9843, 13.4893



8.6010, 6.5960, 35.5642



0.4781, 0.4540, 1.7076

Previews

White Background



This preview shows how the XYZ color 39.3105, 39.3700, 20.8565 looks on a white background.

Color Contrast Check

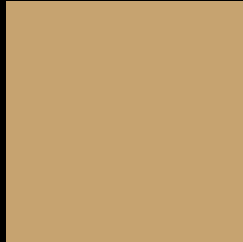
Large Text (above 18pt) WCAG AA × Fail

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 39.3105, 39.3700, 20.8565 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 39.3105, 39.3700, 20.8565

Background



This preview shows how black text looks on a background with the XYZ color 39.3105, 39.3700, 20.8565.



This preview shows how white text looks on a background with the XYZ color 39.3105, 39.3700,

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

39.3105, 39.3700, 20.8565

Protanopia

36.7537, 39.6581, 21.6372

Deuteranopia

40.0266, 39.2161, 20.7891



Tritanopia

43.5850, 39.3006, 42.3344

Trichromacy



Original Color

39.3105, 39.3700, 20.8565

Protanomaly

37.5384, 39.5211, 21.2726

Deuteranomaly

39.9324, 39.4280, 20.8349

Tritanomaly

41.8308, 39.3519, 33.4079

Monochromacy



Original Color

39.3105, 39.3700, 20.8565

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.5719, 38.9943, 33.5634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3105, 39.3700, 20.8565 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, 112)` looks like.

```
.text, #text, p{  
    color:rgb(198, 163, 112)  
}
```

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, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 163, 112) }
```

Border

The CSS property to change the border of an element to XYZ 39.3105, 39.3700, 20.8565 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, 112) }
```


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

```
.border{ border-color:rgb(198, 163, 112) }
```

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, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 163, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 163, 112);  
box-shadow:4px 4px 4px 4px rgb(198, 163,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3105, 39.3700, 20.8565 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, 112) }
```

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

```
.background{ background-color: rgb(198,  
163, 112) }
```

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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