

Converting Colors

XYZ(39.4335, 38.9168, 20.4722)

Have a look what the booklet for
XYZ(39.4335, 38.9168, 20.4722)
contains.

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Color

**XYZ(39.4335, 38.9168,
20.4722)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A16F
RGB	200, 161, 111
RGB Percent	78%, 63%, 44%
CMY	0.2157, 0.3686, 0.5647
CMYK	0.00, 0.19, 0.44, 0.22
HSL	34°, 45%, 61%
HSV	34°, 44%, 78%
XYZ	39.4335, 38.9168, 20.4722
YIQ	166.9610, 39.2940, -7.2820

Conversions

Conversions Part 2

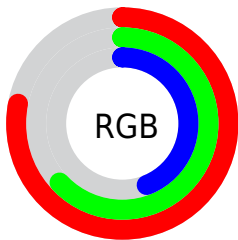
Format	Color
RYB	180, 200, 111
Decimal	13148527
CIELab	68.69, 7.87, 31.44
CIELCh	69, 32.412, 75.948
Yxy	38.9168, 0.3990, 0.3938
Android (android.graphics.Color)	4291338607 (0xFFC8A16F)
YUV	166.9610, -27.5888, 28.9752
Hunter-Lab	62.3833, 3.6619, 24.2113

Details

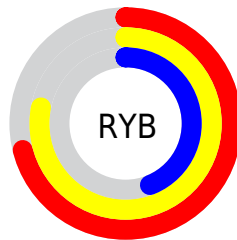
The XYZ color **39.4335, 38.9168, 20.4722** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.8867, 29.3611, 58.8409**, and the grayscale version is **36.8292, 38.7471, 42.1956**.

A 20% lighter version of the original color is **72.4067, 73.0161, 44.9276**, and **17.9470, 17.4290, 6.9756** is the 20% darker color. If you saturate the color by 10%, you get **36.9753, 35.5699, 14.8147**, and if you desaturate by 10%, it is **42.2475, 42.5807, 27.4655**.

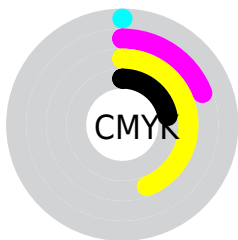
Distribution



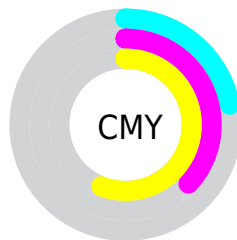
- Red (78%)
- Green (63%)
- Blue (44%)



- Red (71%)
- Yellow (78%)
- Blue (44%)



- Cyan (0%)
- Magenta (19%)
- Yellow (44%)
- Black (22%)





- Cyan (22%)
- Magenta (37%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4335, 38.9168, 20.4722 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 39.4335, 38.9168, 20.4722 by changing the saturation by 10% instead.


 39.4335, 38.9168,
20.4722


 39.4335, 38.9168,
20.4722


334.9056,
341.5366, 267.1484


 27.2794, 26.6950,
12.5513


 73.5899, 73.5112,
45.0768


 17.9208, 17.3443,
6.9932


 96.3229, 96.6526,
62.5975

 10.9925, 10.4803,
3.3795


 123.3130,
124.2027, 84.1553

 6.1290, 5.7185,
1.2915

 154.9253,
156.5458, 110.1686

 2.9651, 2.6747,
0.0548

191.5254,
194.0663, 141.0561

 1.1353, 0.9644,
0.0000

233.4786,

 0.0544, 0.0000,

237.1487, 177.2361

0.0000

281.1502,
286.1774, 219.1274

■ 0.0000, 0.0000,
0.0000

■ 39.4335, 38.9168,
20.4722

■ 39.4335, 38.9168,
20.4722

■ 36.9753, 35.5699,
14.8147

■ 42.2475, 42.5807,
27.4655

■ 34.8513, 32.5235,
10.4023

■ 45.4317, 46.5663,
35.8725

■ 33.0414, 29.7673,
7.1363

■ 49.0030, 50.8852,
45.7679

■ 31.5216, 27.2881,
4.9022

■ 52.9763, 55.5466,
57.2204

■ 30.2633, 25.0705,
3.5607

■ 57.3657, 60.5591,
70.2945

■ 29.6544, 23.9495,
3.0598

■ 62.1845, 65.9312,
85.0508

■ 67.4454, 71.6709,
101.5470

■ 70.4757, 76.7121,
105.7002

■ 72.9917, 81.7441,
106.5389

Harmonies

Analogous

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



44.2715, 38.9168, 25.1573



39.4335, 38.9168, 20.4722



34.3477, 38.9168, 20.6213

Triad

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



39.4335, 38.9168, 20.4722



28.3016, 38.9168, 50.6090



44.5318, 38.9168, 65.1774

Complementary

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



39.4335, 38.9168, 20.4722



27.8867, 29.3611, 58.8409

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.



39.7629, 38.9168, 75.7072



39.4335, 38.9168, 20.4722



30.5528, 38.9168, 66.0607

Square

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



39.4335, 38.9168, 20.4722



28.2311, 38.9168, 35.8850



34.6482, 38.9168, 76.0634



47.3938, 38.9168, 49.6011

Rectangle

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



39.4335, 38.9168, 20.4722



31.5016, 38.9168, 23.3895



34.6482, 38.9168, 76.0634



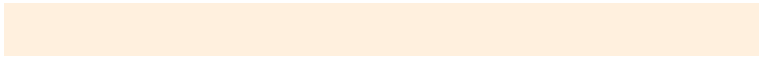
43.0798, 38.9168, 69.5677

Sweetspot

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



39.4345, 38.9186, 20.4730



85.7049, 89.1263, 81.6878



35.0940, 25.8845, 32.4463



18.0310, 18.7037, 16.5974



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.



39.4345, 38.9186, 20.4730



64.3124, 61.9950, 26.2982



46.1715, 54.1316, 23.0543



11.1199, 11.6090, 11.2174



18.9460, 15.4091, 1.9757



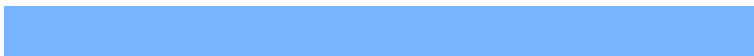
0.9683, 0.8721, 0.1173

Inverse Universe

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



27.8867, 29.3611, 58.8409



41.9082, 43.4689, 100.7893



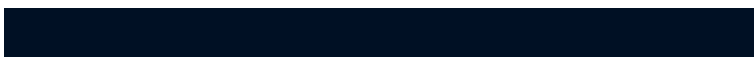
23.2396, 19.2148, 57.1274



10.4326, 11.0394, 13.4984



8.9143, 7.2226, 35.6686



0.4939, 0.4856, 1.7128

Previews

White Background



This preview shows how the XYZ color 39.4335, 38.9168, 20.4722 looks on a white background.

Color Contrast Check

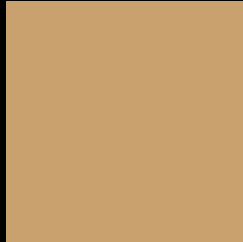
Large Text (above 18pt) WCAG AA × Fail

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 39.4335, 38.9168, 20.4722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

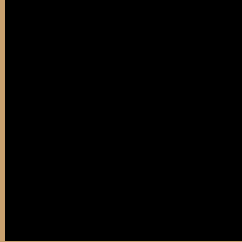
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4335, 38.9168, 20.4722

Background



This preview shows how black text looks on a background with the XYZ color 39.4335, 38.9168, 20.4722.



This preview shows how white text looks on a background with the XYZ color 39.4335, 38.9168,

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

39.4335, 38.9168, 20.4722

Protanopia

36.3313, 39.1653, 21.5644

Deuteranopia

39.5274, 38.7068, 20.4268



Tritanopia

43.6154, 38.8435, 41.2752

Trichromacy



Original Color

39.4335, 38.9168, 20.4722

Protanomaly

37.4220, 38.9213, 21.1630

Deuteranomaly

39.5274, 38.7068, 20.4268

Tritanomaly

41.8739, 38.8858, 32.4928

Monochromacy



Original Color

39.4335, 38.9168, 20.4722

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.3120, 38.6006, 33.0879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4335, 38.9168, 20.4722 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(200, 161, 111)` looks like.

```
.text, #text, p{  
    color:rgb(200, 161, 111)  
}
```

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(200, 161, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 161, 111) }
```

Border

The CSS property to change the border of an element to XYZ 39.4335, 38.9168, 20.4722 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(200, 161, 111) }
```


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

```
.border{ border-color:rgb(200, 161, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 161, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 161, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 161, 111);  
box-shadow:4px 4px 4px 4px rgb(200, 161,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4335, 38.9168, 20.4722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 161, 111) }
```

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

```
.background{ background-color: rgb(200,  
161, 111) }
```

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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