

Converting Colors

XYZ(38.5922, 39.2021, 18.3565)

Have a look what the booklet for
XYZ(38.5922, 39.2021, 18.3565)
contains.

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Color

**XYZ(38.7496, 39.4005,
18.3947)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A467
RGB	197, 164, 103
RGB Percent	77%, 64%, 40%
CMY	0.2275, 0.3568, 0.5961
CMYK	0.00, 0.17, 0.48, 0.23
HSL	39°, 45%, 59%
HSV	39°, 48%, 77%
XYZ	38.7496, 39.4005, 18.3947
YIQ	166.9130, 39.2490, -11.9750

Conversions

Conversions Part 2

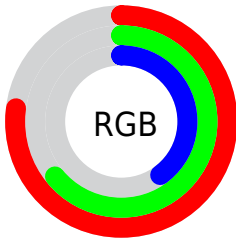
Format	Color
RYB	154, 197, 103
Decimal	12952679
CIELab	69.04, 4.20, 36.06
CIELCh	69, 36.302, 83.364
Yxy	39.4005, 0.4014, 0.4081
Android (android.graphics.Color)	4291142759 (0xFFC5A467)
YUV	166.9130, -31.5091, 26.3863
Hunter-Lab	62.7698, 0.3460, 26.5639

Details

The XYZ color **38.7496, 39.4005, 18.3947** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **24.4754, 24.5222, 56.2665**, and the grayscale version is **36.8243, 38.7420, 42.1900**.

A 20% lighter version of the original color is **72.4879, 74.2896, 41.5291**, and **17.4445, 17.5174, 5.9518** is the 20% darker color. If you saturate the color by 10%, you get **36.6712, 36.6440, 13.3851**, and if you desaturate by 10%, it is **41.1302, 42.3885, 24.6552**.

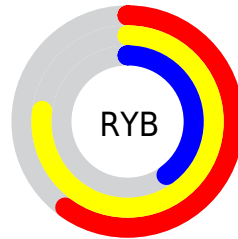
Distribution



Red (77%)

Green (64%)

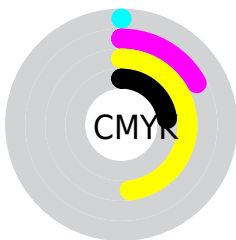
Blue (40%)



Red (60%)

Yellow (77%)

Blue (40%)

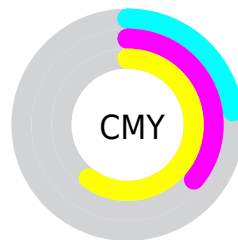


Cyan (0%)

Magenta (17%)

Yellow (48%)

Black (23%)



Cyan (23%)

Magenta (36%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.7496, 39.4005, 18.3947 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 38.7496, 39.4005, 18.3947 by changing the saturation by 10% instead.

■ 38.7496, 39.4005,
18.3947

■ 38.7496, 39.4005,
18.3947

332.0502,
343.5903, 255.3969

■ 26.7448, 27.0714,
11.0614

■ 72.5522, 74.2497,
41.5317

■ 17.5173, 17.6269,
5.9934

■ 95.0807, 97.5387,
58.1725

■ 10.7016, 10.6824,
2.7724

■ 121.8478,
125.2498, 78.7528

■ 5.9323, 5.8537,
0.9796

■ 153.2189,
157.7673, 103.6913

■ 2.8442, 2.7563,
0.0000

189.5593,
195.4758, 133.4064

■ 1.0719, 1.0059,
0.0000

231.2345,

■ 0.0014, 0.0000,

238.7595, 168.3166

0.0000

278.6097,
288.0028, 208.8406

■ 0.0000, 0.0000,
0.0000

■ 38.7496, 39.4005,
18.3947

■ 38.7496, 39.4005,
18.3947

■ 36.6712, 36.6440,
13.3851

■ 41.1302, 42.3885,
24.6552

■ 34.8744, 34.1046,
9.5361

■ 43.8262, 45.6106,
32.2435

■ 33.3403, 31.7745,
6.7491


■ 46.8533, 49.0760,
41.2331


■ 32.0457, 29.6428,
4.9078


■ 50.2251, 52.7918,
51.6913


■ 30.9576, 27.6943,
3.8432


■ 53.9546, 56.7648,
63.6813

 30.7255, 27.2695,
3.6441

 58.0539, 61.0014,
77.2623

 62.5345, 65.5075,
92.4904

 66.4923, 69.9231,
104.5997

 68.3376, 73.6136,
105.2148

Harmonies

Analogous

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



44.4886, 39.4005, 22.0742



38.7496, 39.4005, 18.3947



33.2076, 39.4005, 19.7930

Triad

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



38.7496, 39.4005, 18.3947



28.1353, 39.4005, 56.8186



47.1056, 39.4005, 64.8633

Complementary

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



38.7496, 39.4005, 18.3947



24.4754, 24.5222, 56.2665

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.



42.0369, 39.4005, 79.3056



38.7496, 39.4005, 18.3947



31.1941, 39.4005, 73.8871

Square

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



38.7496, 39.4005, 18.3947



27.4486, 39.4005, 39.3223



36.1778, 39.4005, 82.9746



49.6238, 39.4005, 46.6894

Rectangle

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



38.7496, 39.4005, 18.3947



30.3170, 39.4005, 23.6538



36.1778, 39.4005, 82.9746



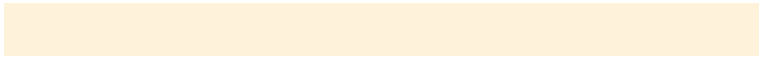
45.6200, 39.4005, 70.4870

Sweetspot

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



38.7506, 39.4024, 18.3955



85.9576, 90.1740, 80.1000



32.4253, 23.3908, 26.6491



18.1229, 18.9944, 16.2991



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.



38.7506, 39.4024, 18.3955



65.6236, 65.5544, 23.8467



42.2936, 51.1598, 20.4782



11.1985, 11.7661, 11.2436



20.2905, 18.0981, 2.4239



1.0269, 0.9892, 0.1368

Inverse Universe

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



24.4754, 24.5222, 56.2665



37.1242, 35.8871, 99.5780



22.0692, 17.4133, 55.0211



10.3562, 10.8864, 13.4729



8.1061, 5.6061, 35.3992



0.4519, 0.4016, 1.6988

Previews

White Background



This preview shows how the XYZ color 38.7496, 39.4005, 18.3947 looks on a white background.

Color Contrast Check

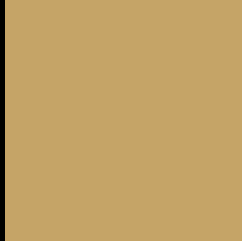
Large Text (above 18pt) WCAG AA × Fail

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 38.7496, 39.4005, 18.3947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

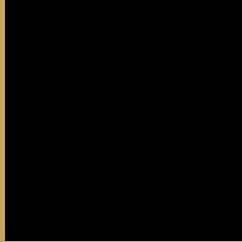
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.7496, 39.4005, 18.3947

Background



This preview shows how black text looks on a background with the XYZ color 38.7496, 39.4005, 18.3947.



This preview shows how white text looks on a background with the XYZ color 38.7496, 39.4005,

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

38.7496, 39.4005, 18.3947

Protanopia

36.5049, 39.5862, 19.0815

Deuteranopia

40.1454, 39.3266, 18.5716



Tritanopia

43.5850, 39.3006, 42.3344

Trichromacy



Original Color

38.7496, 39.4005, 18.3947

Protanomaly

37.3037, 39.4557, 18.7463

Deuteranomaly

39.5064, 39.2576, 18.5920

Tritanomaly

41.5196, 39.2274, 31.7689

Monochromacy



Original Color

38.7496, 39.4005, 18.3947

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.0304, 38.7510, 31.9135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7496, 39.4005, 18.3947 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(197, 164, 103)` looks like.

```
.text, #text, p{  
    color:rgb(197, 164, 103)  
}
```

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(197, 164, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 164, 103) }
```

Border

The CSS property to change the border of an element to XYZ 38.7496, 39.4005, 18.3947 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(197, 164, 103) }
```


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

```
.border{ border-color:rgb(197, 164, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 164, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 164, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 164, 103);  
box-shadow:4px 4px 4px 4px rgb(197, 164,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7496, 39.4005, 18.3947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 164, 103) }
```

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

```
.background{ background-color: rgb(197,  
164, 103) }
```

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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