

Converting Colors

XYZ(38.2106, 39.0302, 21.1681)

Have a look what the booklet for
XYZ(38.2106, 39.0302, 21.1681)
contains.

XYZ(38.2484, 39.0806, 21.1502) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(38.2484, 39.0806,
21.1502)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A471
RGB	193, 164, 113
RGB Percent	76%, 64%, 44%
CMY	0.2431, 0.3568, 0.5569
CMYK	0.00, 0.15, 0.41, 0.24
HSL	38°, 39%, 60%
HSV	38°, 41%, 76%
XYZ	38.2484, 39.0806, 21.1502
YIQ	166.8570, 33.6550, -9.7130

Conversions

Conversions Part 2

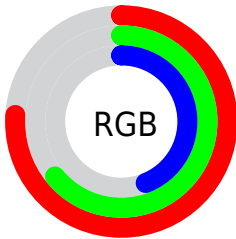
Format	Color
RYB	158, 193, 113
Decimal	12690545
CIELab	68.81, 3.58, 30.40
CIELCh	69, 30.606, 83.274
Yxy	39.0806, 0.3884, 0.3968
Android (android.graphics.Color)	4290880625 (0xFFC1A471)
YUV	166.8570, -26.5515, 22.9274
Hunter-Lab	62.5145, -0.1882, 23.7009

Details

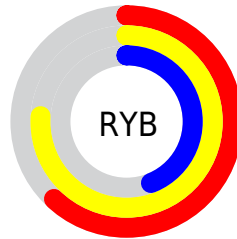
The XYZ color **38.2484, 39.0806, 21.1502** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **26.1084, 26.7061, 54.2307**, and the grayscale version is **36.7755, 38.6906, 42.1341**.

A 20% lighter version of the original color is **71.9067, 73.8889, 46.0694**, and **17.2008, 17.3618, 7.2951** is the 20% darker color. If you saturate the color by 10%, you get **36.0579, 36.2575, 15.6176**, and if you desaturate by 10%, it is **40.7408, 42.1375, 27.9243**.

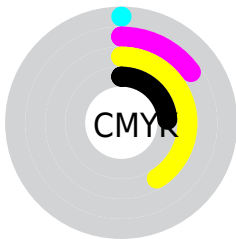
Distribution



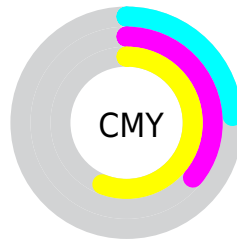
- Red (76%)
- Green (64%)
- Blue (44%)



- Red (62%)
- Yellow (76%)
- Blue (44%)



- Cyan (0%)
- Magenta (15%)
- Yellow (41%)
- Black (24%)





- Cyan (24%)
- Magenta (36%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2484, 39.0806, 21.1502 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 38.2484, 39.0806, 21.1502 by changing the saturation by 10% instead.


 38.2484, 39.0806,
21.1502


 38.2484, 39.0806,
21.1502


329.9468,
342.2330, 270.8829

 26.3536, 26.8224,
13.0415


 71.7902, 73.7614,
46.2214


 17.2224, 17.4399,
7.3261


 94.1679, 96.9529,
64.0210

 10.4895, 10.5486,
3.5853


 120.7706,
124.5576, 85.8880

 5.7894, 5.7642,
1.4007

 151.9636,
156.9599, 112.2410

 2.7569, 2.7022,
0.1423

188.1125,
194.5442, 143.4984

 1.0266, 0.9783,
0.0000

229.5823,

 0.0000, 0.0000,

237.6949, 180.0788

0.0000

276.7387,
286.7964, 222.4008

■ 38.2484, 39.0806,
21.1502

■ 38.2484, 39.0806,
21.1502

■ 36.0579, 36.2575,
15.6176

■ 40.7408, 42.1375,
27.9243

■ 34.1506, 33.6546,
11.2458

■ 43.5467, 45.4303,
36.0088

■ 32.5097, 31.2650,
7.9485


■ 46.6806, 48.9679,
45.4704


■ 31.1153, 29.0788,
5.6260


■ 50.1551, 52.7570,
56.3705


■ 29.9437, 27.0845,
4.1597


■ 53.9822, 56.8038,
68.7668

 29.0812, 25.5153,
3.3922

 58.1730, 61.1146,
82.7139

 62.7384, 65.6951,
98.2634

 65.6267, 69.7262,
104.6074

 67.5009, 73.4746,
105.2321

Harmonies

Analogous

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



43.0080, 39.0806, 24.5282



38.2484, 39.0806, 21.1502



33.5791, 39.0806, 22.4239

Triad

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



38.2484, 39.0806, 21.1502



29.2167, 39.0806, 54.0070



45.1357, 39.0806, 60.6134

Complementary

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



38.2484, 39.0806, 21.1502



26.1084, 26.7061, 54.2307

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.



40.9547, 39.0806, 72.1193



38.2484, 39.0806, 21.1502



31.8405, 39.0806, 67.7616

Square

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



38.2484, 39.0806, 21.1502



28.6285, 39.0806, 39.4988



36.0629, 39.0806, 74.9859



47.2022, 39.0806, 45.7589

Rectangle

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



38.2484, 39.0806, 21.1502



31.1096, 39.0806, 25.9121



36.0629, 39.0806, 74.9859



43.9144, 39.0806, 65.1215

Sweetspot

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



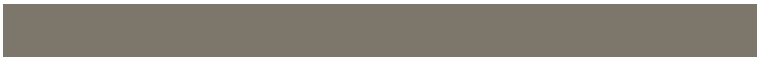
38.2494, 39.0824, 21.1510



83.1707, 87.2193, 80.1005



32.8052, 25.1111, 28.8409



17.6786, 18.5283, 16.6809



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.2494, 39.0824, 21.1510



64.8257, 65.2624, 28.5655



41.4209, 49.3179, 22.9595



10.5965, 11.1244, 10.6506



19.4206, 17.1269, 2.2822



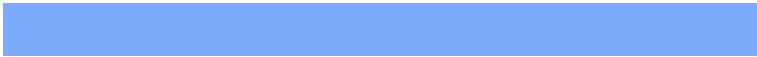
0.9027, 0.8671, 0.1198

Inverse Universe

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



26.1084, 26.7061, 54.2307



40.1091, 40.0906, 95.9846



23.7952, 19.9213, 53.0431



9.8205, 10.3323, 12.7616



7.9267, 5.6099, 34.2217



0.4083, 0.3740, 1.5005

Previews

White Background



This preview shows how the XYZ color 38.2484, 39.0806, 21.1502 looks on a white background.

Color Contrast Check

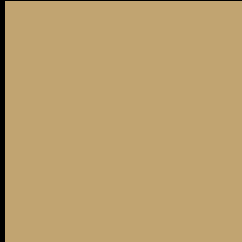
Large Text (above 18pt) WCAG AA × Fail

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 38.2484, 39.0806, 21.1502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

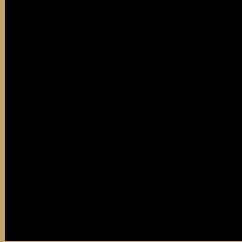
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.2484, 39.0806, 21.1502

Background



This preview shows how black text looks on a background with the XYZ color 38.2484, 39.0806, 21.1502.



This preview shows how white text looks on a background with the XYZ color 38.2484, 39.0806,

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

38.2484, 39.0806, 21.1502

Protanopia

36.3885, 39.1882, 21.8658

Deuteranopia

39.8695, 39.1222, 21.3696



Tritanopia

42.7716, 39.1206, 42.8328

Trichromacy



Original Color

38.2484, 39.0806, 21.1502

Protanomaly

37.1057, 39.2914, 21.5479

Deuteranomaly

39.2463, 39.0613, 21.3907

Tritanomaly

41.0216, 39.1819, 33.8346

Monochromacy



Original Color

38.2484, 39.0806, 21.1502

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.8072, 38.6091, 33.1161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2484, 39.0806, 21.1502 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(193, 164, 113)` looks like.

```
.text, #text, p{  
    color:rgb(193, 164, 113)  
}
```

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(193, 164, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 164, 113) }
```

Border

The CSS property to change the border of an element to XYZ 38.2484, 39.0806, 21.1502 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(193, 164, 113) }
```


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

```
.border{ border-color:rgb(193, 164, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 164, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 164, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 164, 113);  
box-shadow:4px 4px 4px 4px rgb(193, 164,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2484, 39.0806, 21.1502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 164, 113) }
```

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

```
.background{ background-color: rgb(193,  
164, 113) }
```

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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