

Converting Colors

XYZ(38.7191, 39.4373, 25.4555)

Have a look what the booklet for
XYZ(38.7191, 39.4373, 25.4555)
contains.

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Color

**XYZ(38.7069, 39.4930,
25.3215)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA57E
RGB	191, 165, 126
RGB Percent	75%, 65%, 49%
CMY	0.2510, 0.3529, 0.5059
CMYK	0.00, 0.14, 0.34, 0.25
HSL	36°, 34%, 62%
HSV	36°, 34%, 75%
XYZ	38.7069, 39.4930, 25.3215
YIQ	168.3280, 28.0150, -6.6170

Conversions

Conversions Part 2

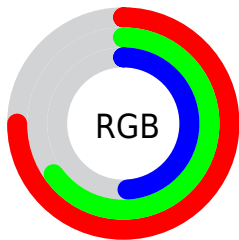
Format	Color
R_{YB}	169, 191, 126
Decimal	12559742
CIE _{Lab}	69.11, 3.77, 23.75
CIE _{LCh}	69, 24.043, 80.973
Yxy	39.4930, 0.3739, 0.3815
Android (android.graphics.Color)	4290749822 (0xFFBFA57E)
YUV	168.3280, -20.8677, 19.8833
Hunter-Lab	62.8435, -0.0333, 20.1007

Details

The XYZ color **38.7069, 39.4930, 25.3215** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.2361, 30.6527, 53.6660**, and the grayscale version is **37.4713, 39.4227, 42.9313**.

A 20% lighter version of the original color is **72.4413, 74.3975, 53.1899**, and **17.3980, 17.5803, 9.4975** is the 20% darker color. If you saturate the color by 10%, you get **36.2536, 36.3739, 18.9929**, and if you desaturate by 10%, it is **41.4799, 42.8745, 32.9185**.

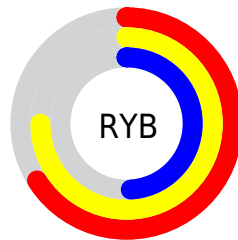
Distribution



Red (75%)

Green (65%)

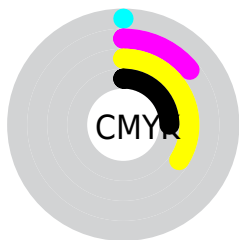
Blue (49%)



Red (66%)

Yellow (75%)

Blue (49%)

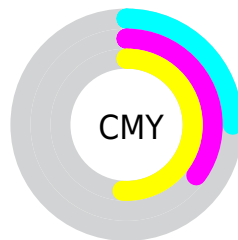


Cyan (0%)

Magenta (14%)

Yellow (34%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7069, 39.4930, 25.3215 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 38.7069, 39.4930, 25.3215 by changing the saturation by 10% instead.


 38.7069, 39.4930,
25.3215


 38.7069, 39.4930,
25.3215


331.8714,
343.9820, 292.9340


 26.7115, 27.1435,
16.0955


 72.4873, 74.3909,
53.1489

 17.4921, 17.6810,
9.4367


 95.0030, 97.7080,
72.5874

 10.6835, 10.7212,
4.9264


 121.7561,
125.4497, 96.2672

 5.9201, 5.8797,
2.1462

153.1121,
158.0005, 124.6068

 2.8368, 2.7721,
0.6431

189.4363,
195.7447, 158.0247

 1.0680, 1.0139,
0.0000

231.0940,

 0.0000, 0.0000,

239.0668, 196.9395

0.0000

278.4506,
288.3511, 241.7698

■ 38.7069, 39.4930,
25.3215

■ 38.7069, 39.4930,
25.3215

■ 36.2536, 36.3739,
18.9929

■ 41.4799, 42.8745,
32.9185

■ 34.1020, 33.5035,
13.8589

■ 44.5833, 46.5207,
41.8471

■ 32.2370, 30.8747,
9.8421

■ 48.0310, 50.4406,
52.1690

■ 30.6405, 28.4781,
6.8546

■ 51.8350, 54.6413,
63.9416

■ 29.2917, 26.3027,
4.7952

■ 56.0069, 59.1294,
77.2188

■ 28.1660, 24.3362,
3.5418

■ 60.5575, 63.9113,
92.0518

■ 27.5725, 23.2497,
3.0344

■ 64.7310, 68.6866,
104.4539

■ 66.7635, 72.7517,
105.1314

■ 68.8887, 77.0019,
105.8398

Harmonies

Analogous

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



42.3788, 39.4930, 28.5821



38.7069, 39.4930, 25.3215



34.9567, 39.4930, 26.1298

Triad

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



38.7069, 39.4930, 25.3215



31.0585, 39.4930, 51.0191



43.5674, 39.4930, 57.7316

Complementary

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



38.7069, 39.4930, 25.3215



29.2361, 30.6527, 53.6660

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.



40.2410, 39.4930, 65.9119



38.7069, 39.4930, 25.3215



33.0786, 39.4930, 61.6005

Square

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



38.7069, 39.4930, 25.3215



30.7094, 39.4930, 39.7692



36.3907, 39.4930, 67.4371



45.3081, 39.4930, 46.4037

Rectangle

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



38.7069, 39.4930, 25.3215



32.9025, 39.4930, 28.9349



36.3907, 39.4930, 67.4371



42.5873, 39.4930, 61.0161

Sweetspot

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



38.7079, 39.4948, 25.3223



82.1656, 85.9785, 81.8051



34.6145, 28.2655, 33.3376



17.8535, 18.6636, 17.4007



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.



38.7079, 39.4948, 25.3223



65.9270, 66.4357, 36.5169



42.2841, 49.0203, 26.9724



9.9934, 10.4627, 10.0694



18.2008, 15.4403, 2.0210



0.7753, 0.7296, 0.1000

Inverse Universe

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



29.2361, 30.6527, 53.6660



46.3488, 48.1691, 95.1338



26.4594, 23.6297, 52.4567



9.3212, 9.8348, 12.0792



7.9704, 6.0526, 33.1411



0.3765, 0.3656, 1.3196

Previews

White Background



This preview shows how the XYZ color 38.7069, 39.4930, 25.3215 looks on a white background.

Color Contrast Check

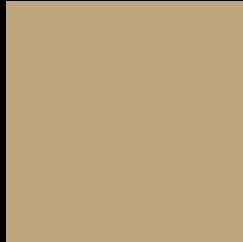
Large Text (above 18pt) WCAG AA × Fail

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 38.7069, 39.4930, 25.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

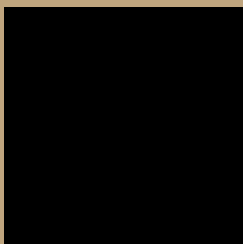
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.7069, 39.4930, 25.3215

Background



This preview shows how black text looks on a background with the XYZ color 38.7069, 39.4930, 25.3215.



This preview shows how white text looks on a background with the XYZ color 38.7069, 39.4930,

25.3215.

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

38.7069, 39.4930, 25.3215

Protanopia

37.1403, 39.7582, 26.1387

Deuteranopia

40.3043, 39.5151, 25.5816



Tritanopia

42.5138, 39.4723, 43.9063

Trichromacy



Original Color

38.7069, 39.4930, 25.3215

Protanomaly

37.8410, 39.8519, 25.7764

Deuteranomaly

39.6929, 39.4625, 25.6036

Tritanomaly

40.9094, 39.3256, 36.4448

Monochromacy



Original Color

38.7069, 39.4930, 25.3215

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.4730, 39.1674, 35.7220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7069, 39.4930, 25.3215 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(191, 165, 126)` looks like.

```
.text, #text, p{  
    color:rgb(191, 165, 126)  
}
```

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(191, 165, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 165, 126) }
```

Border

The CSS property to change the border of an element to XYZ 38.7069, 39.4930, 25.3215 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(191, 165, 126) }
```


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

```
.border{ border-color:rgb(191, 165, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 165, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 165, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 165, 126);  
box-shadow:4px 4px 4px 4px rgb(191, 165,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7069, 39.4930, 25.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 165, 126) }
```

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

```
.background{ background-color: rgb(191,  
165, 126) }
```

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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