

Converting Colors

XYZ(35.3826, 38.7765, 5.6197)

Have a look what the booklet for
XYZ(35.3826, 38.7765, 5.6197)
contains.

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Color

**XYZ(35.3046, 38.7138,
5.6118)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BFA700 |
| RGB | 191, 167, 0 |
| RGB Percent | 75%, 65%, 0% |
| CMY | 0.2510, 0.3451, 0.9999 |
| CMYK | 0.00, 0.13, 1.00, 0.25 |
| HSL | 52°, 100%, 37% |
| HSV | 52°, 100%, 75% |
| XYZ | 35.3046, 38.7138, 5.6118 |
| YIQ | 155.1380, 67.9110, -46.8490 |

Conversions

Conversions Part 2

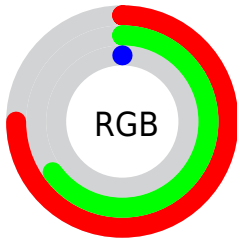
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 27, 191, 0 |
| Decimal | 12560128 |
| CIE Lab | 68.54, -4.99, 71.34 |
| CIE LCh | 69, 71.510, 94.003 |
| Yxy | 38.7138, 0.4434, 0.4862 |
| Android (android.graphics.Color) | 4290750208 (0xFFBFA700) |
| YUV | 155.1380, -76.4830, 31.4510 |
| Hunter-Lab | 62.2204, -7.6027, 38.2068 |

Details

The XYZ color **35.3046, 38.7138, 5.6118** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **9.7310, 4.4154, 49.6292**, and the grayscale version is **31.5259, 33.1677, 36.1196**.

A 20% lighter version of the original color is **67.2445, 73.2876, 17.6229**, and **15.9183, 17.4773, 2.5345** is the 20% darker color. If you saturate the color by 10%, you get **35.3050, 38.7148, 5.6119**, and if you desaturate by 10%, it is **35.8677, 39.6505, 6.3842**.

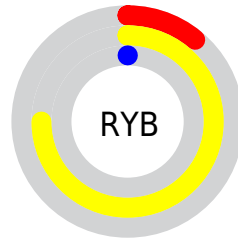
Distribution



Red (75%)

Green (65%)

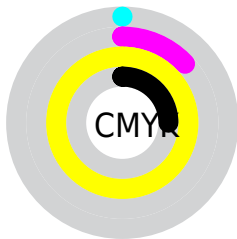
Blue (0%)



Red (11%)

Yellow (75%)

Blue (0%)

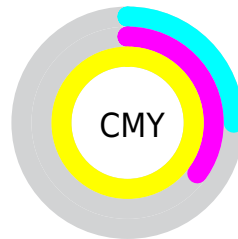


Cyan (0%)

Magenta (13%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3046, 38.7138, 5.6118 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 35.3046, 38.7138, 5.6118 by changing the saturation by 10% instead.

■ 35.3046, 38.7138,
5.6118

■ 35.3046, 38.7138,
5.6118

317.3953,
340.6722, 164.7387

■ 24.0652, 26.5372,
2.5456

■ 67.2883, 73.2009,
17.5832

■ 15.5070, 17.2259,
0.8642

■ 88.7633, 96.2801,
27.3255

■ 9.2646, 10.3957,
0.0000

■ 114.3809,
123.7624, 40.1301

■ 4.9727, 5.6621,
0.0000

■ 144.5065,
156.0320, 56.4158

■ 2.2658, 2.6407,
0.0000

■ 179.5053,
193.4734, 76.6009

■ 0.7771, 0.9472,
0.0000

■ 219.7429,

■ 0.0000, 0.0000,

236.4709, 101.1041

0.0000

265.5844,
285.4091, 130.3438

■ 35.3046, 38.7138,
5.6118

■ 35.3046, 38.7138,
5.6118

■ 35.3050, 38.7148,
5.6119

■ 35.8677, 39.6505,
6.3842

■ 36.5544, 40.6483,
7.7714

■ 37.4077, 41.7259,
9.9948

■ 38.4487, 42.8919,
13.1662

■ 39.6956, 44.1535,
17.3804

■ 41.1642, 45.5172,
22.7204

■ 42.8686, 46.9887,
29.2611

■ 44.8219, 48.5733,
37.0709

■ 47.0362, 50.2758,
46.2129

Harmonies

Analogous

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



47.1313, 38.7138, 7.3652



35.3046, 38.7138, 5.6118



25.9628, 38.7138, 8.8035

Triad

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



35.3046, 38.7138, 5.6118



21.6014, 38.7138, 87.2362



59.9026, 38.7138, 75.6117

Complementary

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



35.3046, 38.7138, 5.6118



9.7310, 4.4154, 49.6292

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.



50.2887, 38.7138, 117.3348



35.3046, 38.7138, 5.6118



28.0947, 38.7138, 126.1157

Square

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



35.3046, 38.7138, 5.6118



19.1412, 38.7138, 46.6340



38.3294, 38.7138, 139.2670



62.9116, 38.7138, 37.9682

Rectangle

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



35.3046, 38.7138, 5.6118



21.9058, 38.7138, 15.1933



38.3294, 38.7138, 139.2670



57.2517, 38.7138, 90.1388

Sweetspot

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



35.3055, 38.7157, 5.6126



76.6206, 84.0255, 51.7890



21.6666, 11.1489, 1.9572



16.5294, 18.1998, 10.2249



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.



35.3055, 38.7157, 5.6126



63.1074, 69.0901, 10.0096



26.5121, 41.3243, 6.5796



10.2172, 10.9104, 10.1440



23.2427, 25.5243, 3.7017



0.9395, 1.0578, 0.1547

Inverse Universe

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



9.7310, 4.4154, 49.6292



17.3346, 7.7210, 88.8558



11.9331, 5.0657, 49.6387



9.1105, 9.4134, 12.0090



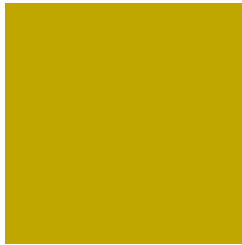
6.4279, 2.9676, 32.6269



0.2838, 0.1803, 1.2887

Previews

White Background



This preview shows how the XYZ color 35.3046, 38.7138, 5.6118 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 35.3046, 38.7138, 5.6118 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 35.3046, 38.7138, 5.6118

Background



This preview shows how black text looks on a background with the XYZ color 35.3046, 38.7138, 5.6118.

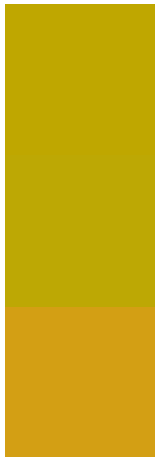


This preview shows how white text looks on a background with the XYZ color 35.3046, 38.7138,

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

35.3046, 38.7138, 5.6118

Protanopia

35.0108, 38.8328, 5.7651

Deuteranopia

39.3884, 38.6957, 6.0548



Tritanopia

42.5158, 38.5121, 41.7520

Trichromacy



Original Color

35.3046, 38.7138, 5.6118

Protanomaly

35.2543, 38.9590, 5.7479

Deuteranomaly

37.8948, 38.7071, 5.8547

Tritanomaly

38.0256, 37.7072, 18.9097

Monochromacy



Original Color

35.3046, 38.7138, 5.6118

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.7987, 34.0220, 16.7480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3046, 38.7138, 5.6118 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, 167, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 167, 0)  
}
```

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, 167, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 167, 0) }
```

Border

The CSS property to change the border of an element to XYZ 35.3046, 38.7138, 5.6118 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, 167, 0) }
```


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

```
.border{ border-color:rgb(191, 167, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 167, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 167, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 167, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 167,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3046, 38.7138, 5.6118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 167, 0) }
```

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

```
.background{ background-color: rgb(191,  
167, 0) }
```

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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