

Converting Colors

XYZ(34.9764, 36.7794, 6.3575)

Have a look what the booklet for
XYZ(34.9764, 36.7794, 6.3575)
contains.

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Color

**XYZ(35.0285, 36.6948,
6.3352)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A01C
RGB	194, 160, 28
RGB Percent	76%, 63%, 11%
CMY	0.2392, 0.3725, 0.8902
CMYK	0.00, 0.18, 0.86, 0.24
HSL	48°, 75%, 44%
HSV	48°, 86%, 76%
XYZ	35.0285, 36.6948, 6.3352
YIQ	155.1180, 62.6360, -33.8440

Conversions

Conversions Part 2

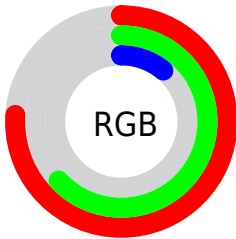
Format	Color
R _Y B	71, 194, 28
Decimal	12754972
CIE Lab	67.05, 0.52, 65.69
CIE LCh	67, 65.688, 89.549
Yxy	36.6948, 0.4487, 0.4701
Android (android.graphics.Color)	4290945052 (0xFFC2A01C)
YUV	155.1180, -62.6692, 34.0995
Hunter-Lab	60.5762, -2.7899, 36.2027

Details

The XYZ color **35.0285, 36.6948, 6.3352** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **11.9392, 7.5872, 51.8736**, and the grayscale version is **31.4586, 33.0969, 36.0425**.

A 20% lighter version of the original color is **66.6399, 69.8521, 18.9873**, and **15.6220, 16.1715, 2.2980** is the 20% darker color. If you saturate the color by 10%, you get **34.1890, 35.2759, 5.2541**, and if you desaturate by 10%, it is **36.0408, 38.2209, 8.2103**.

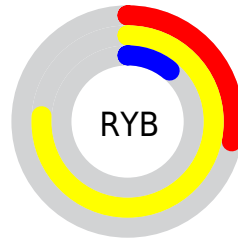
Distribution



Red (76%)

Green (63%)

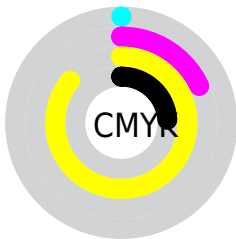
Blue (11%)



Red (28%)

Yellow (76%)

Blue (11%)

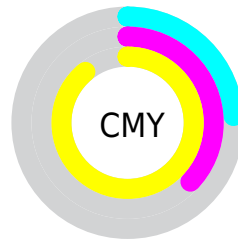


Cyan (0%)

Magenta (18%)

Yellow (86%)

Black (24%)



Cyan (24%)


Magenta (37%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0285, 36.6948, 6.3352 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 35.0285, 36.6948, 6.3352 by changing the saturation by 10% instead.


 35.0285, 36.6948,
6.3352


 35.0285, 36.6948,
6.3352


316.1999,
331.9873, 171.4351

 23.8514, 24.9713,
2.9779


 66.8636, 70.1031,
19.1123

 15.3476, 16.0557,
1.0834


 88.2525, 92.5567,
29.3692

 9.1516, 9.5635,
0.0000


 113.7759,
119.3558, 42.7630

 4.8981, 5.1105,
0.0000

 143.7993,
150.8848, 59.7123

 2.2217, 2.3123,
0.0000

 178.6881,
187.5280, 80.6356

 0.7542, 0.7802,
0.0000

 218.8075,

 0.0000, 0.0000,

229.6699, 105.9515

0.0000

264.5230,
277.6949, 136.0785

■ 35.0285, 36.6948,
6.3352

■ 35.0285, 36.6948,
6.3352

■ 34.1890, 35.2759,
5.2541

■ 36.0408, 38.2209,
8.2103

■ 33.8481, 34.6696,
4.9079

■ 37.2489, 39.8594,
11.0102

■ 38.6740, 41.6206,
14.8430

■ 40.3341, 43.5120,
19.8013

■ 42.2450, 45.5401,
25.9676

■ 44.4209, 47.7110,
33.4164

■ 46.8751, 50.0303,
42.2163

■ 49.6199, 52.5032,
52.4310

■ 52.6666, 55.1346,
64.1201

Harmonies

Analogous

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



45.5410, 36.6948, 8.8265



35.0285, 36.6948, 6.3352



26.2392, 36.6948, 8.6694

Triad

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



35.0285, 36.6948, 6.3352



20.6987, 36.6948, 73.6720



54.1860, 36.6948, 74.8038

Complementary

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



35.0285, 36.6948, 6.3352



11.9392, 7.5872, 51.8736

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.



45.2293, 36.6948, 109.4217



35.0285, 36.6948, 6.3352



26.0235, 36.6948, 108.5775

Square

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



35.0285, 36.6948, 6.3352



18.9851, 36.6948, 39.5236



34.7265, 36.6948, 124.0242



57.8159, 36.6948, 40.3883

Rectangle

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



35.0285, 36.6948, 6.3352



22.2117, 36.6948, 13.8433



34.7265, 36.6948, 124.0242



51.6235, 36.6948, 87.3029

Sweetspot

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



35.0293, 36.6966, 6.3359



80.1266, 86.0972, 59.3041



23.5879, 12.6699, 6.0486



17.2327, 18.5451, 11.8984



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.



35.0293, 36.6966, 6.3359



61.1366, 62.4367, 8.8292



31.5281, 44.8671, 8.0975



10.7326, 11.3967, 10.6960



22.3142, 22.9141, 3.2468



1.0095, 1.0807, 0.1554

Inverse Universe

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



11.9392, 7.5872, 51.8736



18.8567, 9.4861, 93.3069



13.0575, 6.2232, 51.5514



9.6917, 10.0747, 12.7186



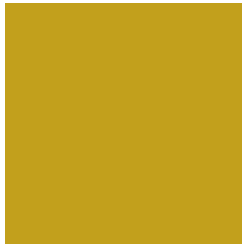
6.9433, 3.6430, 33.8938



0.3503, 0.2580, 1.4812

Previews

White Background



This preview shows how the XYZ color 35.0285, 36.6948, 6.3352 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 35.0285, 36.6948, 6.3352 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 35.0285, 36.6948, 6.3352

Background



This preview shows how black text looks on a background with the XYZ color 35.0285, 36.6948, 6.3352.



This preview shows how white text looks on a background with the XYZ color 35.0285, 36.6948,

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

35.0285, 36.6948, 6.3352

Protanopia

33.2644, 36.8300, 6.5181

Deuteranopia

37.4223, 36.6634, 6.4007



Tritanopia

41.4497, 36.5895, 38.1355

Trichromacy



Original Color

35.0285, 36.6948, 6.3352

Protanomaly

34.0580, 36.9745, 6.5041

Deuteranomaly

36.6484, 36.7642, 6.3929

Tritanomaly

37.8691, 36.0944, 20.3002

Monochromacy



Original Color

35.0285, 36.6948, 6.3352

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.1795, 33.6531, 19.3204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0285, 36.6948, 6.3352 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(194, 160, 28)` looks like.

```
.text, #text, p{  
    color:rgb(194, 160, 28)  
}
```

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(194, 160, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 160, 28) }
```

Border

The CSS property to change the border of an element to XYZ 35.0285, 36.6948, 6.3352 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(194, 160, 28) }
```


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

```
.border{ border-color:rgb(194, 160, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 160, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 160, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 160, 28);  
box-shadow:4px 4px 4px 4px rgb(194, 160,  
28) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0285, 36.6948, 6.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 160, 28) }
```

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

```
.background{ background-color: rgb(194,  
160, 28) }
```

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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