

Converting Colors

XYZ(39.4422, 39.6886, 11.2456)

Have a look what the booklet for
XYZ(39.4422, 39.6886, 11.2456)
contains.

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Color

**XYZ(39.3482, 39.6032,
11.2005)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CDA345 |
| RGB | 205, 163, 69 |
| RGB Percent | 80%, 64%, 27% |
| CMY | 0.1961, 0.3608, 0.7294 |
| CMYK | 0.00, 0.20, 0.66, 0.20 |
| HSL | 41°, 58%, 54% |
| HSV | 41°, 66%, 80% |
| XYZ | 39.3482, 39.6032, 11.2005 |
| YIQ | 164.8420, 55.2060, -20.3300 |

Conversions

Conversions Part 2

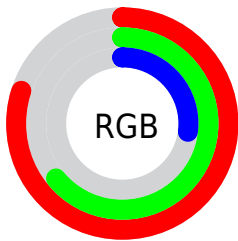
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 130, 205, 69 |
| Decimal | 13476677 |
| CIELab | 69.19, 5.47, 53.16 |
| CIELCh | 69, 53.442, 84.128 |
| Yxy | 39.6032, 0.4365, 0.4393 |
| Android (android.graphics.Color) | 4291666757 (0xFFCDA345) |
| YUV | 164.8420, -47.2501, 35.2186 |
| Hunter-Lab | 62.9311, 1.4793, 33.4993 |

Details

The XYZ color **39.3482, 39.6032, 11.2005** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **19.1579, 17.0412, 60.0368**, and the grayscale version is **35.8901, 37.7592, 41.1198**.

A 20% lighter version of the original color is **69.7626, 72.7833, 28.4609**, and **17.8932, 17.8179, 2.8440** is the 20% darker color. If you saturate the color by 10%, you get **37.7228, 37.2009, 8.0433**, and if you desaturate by 10%, it is **41.2515, 42.2098, 15.5353**.

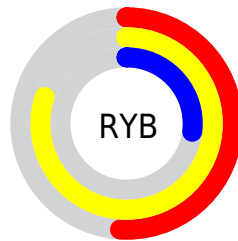
Distribution



Red (80%)

Green (64%)

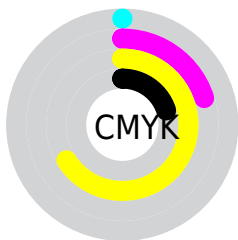
Blue (27%)



Red (51%)

Yellow (80%)

Blue (27%)

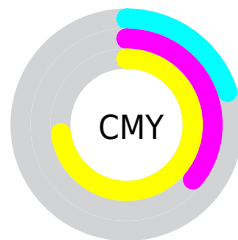


Cyan (0%)

Magenta (20%)

Yellow (66%)

Black (20%)



Cyan (20%)

Magenta (36%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3482, 39.6032, 11.2005 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 39.3482, 39.6032, 11.2005 by changing the saturation by 10% instead.

39.3482, 39.6032,
11.2005

39.3482, 39.6032,
11.2005

334.5504,
344.4483, 209.8246

27.2127, 27.2293,
6.0860

73.4606, 74.5589,
28.6726

17.8704, 17.7455,
2.8278

96.1682, 97.9095,
41.8673

10.9561, 10.7674,
1.0074

123.1305,
125.6878, 58.5925

6.1044, 5.9107,
0.0000

154.7129,
158.2781, 79.2667

2.9499, 2.7908,
0.0000

191.2807,
196.0650, 104.3085

1.1273, 1.0235,
0.0000

233.1993,

0.0478, 0.0000,

239.4327, 134.1364

0.0000

280.8341,
288.7656, 169.1689

■ 0.0000, 0.0000,
0.0000

■ 39.3482, 39.6032,
11.2005

■ 39.3482, 39.6032,
11.2005

■ 37.7228, 37.2009,
8.0433

■ 41.2515, 42.2098,
15.5353

■ 36.3479, 34.9860,
5.9360

■ 43.4512, 45.0246,
21.1531

■ 35.1934, 32.9467,
4.7199

■ 45.9669, 48.0585,
28.1498

■ 34.8049, 32.2355,
4.3877

■ 48.8157, 51.3193,
36.6119

■ 52.0135, 54.8148,
46.6185

■ 55.5748, 58.5517,
58.2430

■ 59.5133, 62.5369,
71.5542

■ 63.8421, 66.7766,
86.6167

■ 68.5734, 71.2769,
103.4920

Harmonies

Analogous

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



48.1173, 39.6032, 15.1192



39.3482, 39.6032, 11.2005



31.3148, 39.6032, 12.8490

Triad

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



39.3482, 39.6032, 11.2005



24.5460, 39.6032, 65.3670



52.5927, 39.6032, 77.0024

Complementary

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



39.3482, 39.6032, 11.2005



19.1579, 17.0412, 60.0368

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.



44.7680, 39.6032, 101.9244



39.3482, 39.6032, 11.2005



28.8087, 39.6032, 93.6164

Square

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



39.3482, 39.6032, 11.2005



23.5449, 39.6032, 38.4828



35.9852, 39.6032, 108.9386



56.4727, 39.6032, 48.1180

Rectangle

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



39.3482, 39.6032, 11.2005



27.3184, 39.6032, 17.3905



35.9852, 39.6032, 108.9386



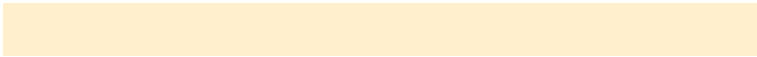
50.2843, 39.6032, 86.5005

Sweetspot

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



39.3491, 39.6051, 11.2013



83.0794, 87.5003, 69.6372



30.2334, 18.4070, 17.3086



17.4645, 18.3806, 13.9122



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.



39.3491, 39.6051, 11.2013



60.6889, 59.2017, 11.3604



41.7434, 53.8034, 13.8156



11.8502, 12.4894, 11.8655



21.7552, 20.2434, 2.7607



1.1878, 1.1752, 0.1642

Inverse Universe

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



19.1579, 17.0412, 60.0368



25.4317, 19.9567, 97.1194



17.7571, 11.0406, 58.9524



10.8796, 11.3997, 14.1973



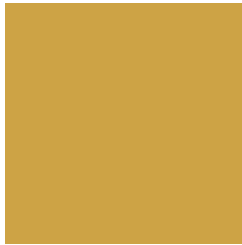
8.0518, 5.1275, 36.5216



0.4831, 0.3999, 1.9067

Previews

White Background



This preview shows how the XYZ color 39.3482, 39.6032, 11.2005 looks on a white background.

Color Contrast Check

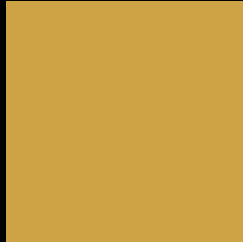
Large Text (above 18pt) WCAG AA × Fail

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 39.3482, 39.6032, 11.2005 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 39.3482, 39.6032, 11.2005

Background



This preview shows how black text looks on a background with the XYZ color 39.3482, 39.6032, 11.2005.



This preview shows how white text looks on a background with the XYZ color 39.3482, 39.6032,

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

39.3482, 39.6032, 11.2005

Protanopia

36.0643, 39.5222, 11.6890

Deuteranopia

40.4287, 39.6336, 11.3136



Tritanopia

45.3341, 39.4961, 40.8315

Trichromacy



Original Color

39.3482, 39.6032, 11.2005

Protanomaly

37.1723, 39.5490, 11.4689

Deuteranomaly

40.0382, 39.6928, 11.3456

Tritanomaly

42.3807, 39.2810, 26.4674

Monochromacy



Original Color

39.3482, 39.6032, 11.2005

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.1271, 37.8659, 26.5238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3482, 39.6032, 11.2005 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(205, 163, 69)` looks like.

```
.text, #text, p{  
    color:rgb(205, 163, 69)  
}
```

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(205, 163, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 163, 69) }
```

Border

The CSS property to change the border of an element to XYZ 39.3482, 39.6032, 11.2005 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(205, 163, 69) }
```


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

```
.border{ border-color:rgb(205, 163, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 163, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 163, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 163, 69);  
box-shadow:4px 4px 4px 4px rgb(205, 163,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3482, 39.6032, 11.2005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 163, 69) }
```

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

```
.background{ background-color: rgb(205,  
163, 69) }
```

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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