

Converting Colors

XYZ(38.7588, 36.5062, 11.4822)

Have a look what the booklet for
XYZ(38.7588, 36.5062, 11.4822)
contains.

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Color

**XYZ(38.7588, 36.5062,
11.4822)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | D1984A |
| RGB | 209, 152, 74 |
| RGB Percent | 82%, 60%, 29% |
| CMY | 0.1804, 0.4039, 0.7098 |
| CMYK | 0.00, 0.27, 0.65, 0.18 |
| HSL | 35°, 59%, 55% |
| HSV | 35°, 65%, 82% |
| XYZ | 38.7588, 36.5062, 11.4822 |
| YIQ | 160.1510, 59.0100, -12.1740 |

Conversions

Conversions Part 2

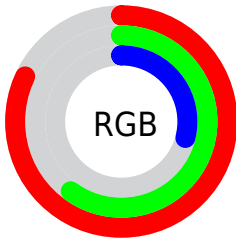
| Format | Color |
|-------------------------------------|--|
| RYB | 173, 209, 74 |
| Decimal | 13736010 |
| CIELab | 66.90, 13.43, 48.45 |
| CIElCh | 67, 50.276, 74.508 |
| Yxy | 36.5062, 0.4468, 0.4208 |
| Android (android.graphics.Color) | 4291926090 (0xFFD1984A) |
| YUV | 160.1510, -42.4724, 42.8406 |
| Hunter-Lab | 60.4204, 8.7696, 31.0269 |

Details

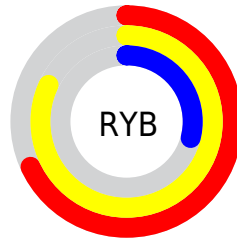
The XYZ color **38.7588, 36.5062, 11.4822** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **22.4486, 22.2910, 63.4408**, and the grayscale version is **33.6549, 35.4076, 38.5589**.

A 20% lighter version of the original color is **67.0130, 66.8833, 28.7798**, and **17.5708, 15.9485, 2.9629** is the 20% darker color. If you saturate the color by 10%, you get **36.7892, 33.5128, 7.9102**, and if you desaturate by 10%, it is **41.0706, 39.8098, 16.3227**.

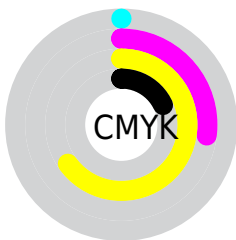
Distribution



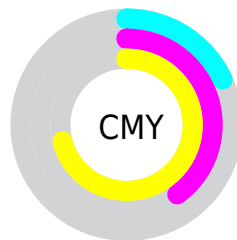
- Red (82%)
- Green (60%)
- Blue (29%)



- Red (68%)
- Yellow (82%)
- Blue (29%)



- Cyan (0%)
- Magenta (27%)
- Yellow (65%)
- Black (18%)





- Cyan (18%)
- Magenta (40%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7588, 36.5062, 11.4822 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 38.7588, 36.5062, 11.4822 by changing the saturation by 10% instead.


 38.7588, 36.5062,
11.4822


 38.7588, 36.5062,
11.4822


332.0888,
331.1677, 211.8013


 26.7520, 24.8254,
6.2739


 72.5661, 69.8127,
29.1986

 17.5227, 15.9470,
2.9409


 95.0974, 92.2071,
42.5438


 10.7055, 9.4867,
1.0645


 121.8675,
118.9416, 59.4384

 5.9350, 5.0600,
0.0000

 153.2419,
150.4004, 80.3010

 2.8459, 2.2825,
0.0000

 189.5859,
186.9680, 105.5500

 1.0728, 0.7644,
0.0000

231.2647,

 0.0022, 0.0000,

229.0289, 135.6040

0.0000

278.6439,
276.9673, 170.8816

■ 0.0000, 0.0000,
0.0000

■ 38.7588, 36.5062,
11.4822

■ 38.7588, 36.5062,
11.4822

■ 36.7892, 33.5128,
7.9102

■ 41.0706, 39.8098,
16.3227

■ 35.1326, 30.8101,
5.4762

■ 43.7450, 43.4311,
22.5402

■ 33.7580, 28.3831,
4.0251

■ 46.8038, 47.3837,
30.2343

■ 33.1030, 27.1724,
3.5001

■ 50.2659, 51.6784,
39.4942

■ 54.1487, 56.3257,
50.4024

■ 58.4688, 61.3351,
63.0353

■ 63.2415, 66.7161,
77.4645

■ 68.4814, 72.4775,
93.7577

■ 73.0377, 78.1618,
105.8450

Harmonies

Analogous

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



46.2254, 36.5062, 17.0005



38.7588, 36.5062, 11.4822



31.1570, 36.5062, 11.4009

Triad

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



38.7588, 36.5062, 11.4822



22.3632, 36.5062, 51.2092



46.0103, 36.5062, 77.7915

Complementary

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



38.7588, 36.5062, 11.4822



22.4486, 22.2910, 63.4408

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.



38.4977, 36.5062, 95.7510



38.7588, 36.5062, 11.4822



25.2666, 36.5062, 76.9967

Square

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



38.7588, 36.5062, 11.4822



22.4119, 36.5062, 29.5653



30.9313, 36.5062, 95.4162



50.8112, 36.5062, 52.0380

Rectangle

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



38.7588, 36.5062, 11.4822



27.0450, 36.5062, 14.2359



30.9313, 36.5062, 95.4162



43.6737, 36.5062, 85.2981

Sweetspot

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



38.7597, 36.5080, 11.4829



82.0258, 84.8995, 70.8075



32.9426, 20.1328, 24.1598



17.1843, 17.7244, 14.1141



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.



38.7597, 36.5080, 11.4829



56.5243, 50.6826, 10.5578



47.8558, 58.3745, 15.2241



12.3679, 12.9264, 12.4552



20.5099, 16.9527, 2.1912



1.2244, 1.1032, 0.1484

Inverse Universe

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



22.4486, 22.2910, 63.4408



29.0752, 26.8411, 98.2562



17.5250, 11.3404, 61.5866



11.5680, 12.2263, 14.9939



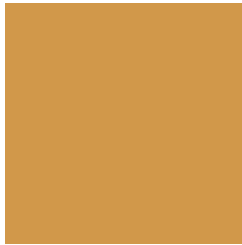
9.3525, 7.3517, 38.1186



0.6007, 0.5666, 2.1573

Previews

White Background



This preview shows how the XYZ color 38.7588, 36.5062, 11.4822 looks on a white background.

Color Contrast Check

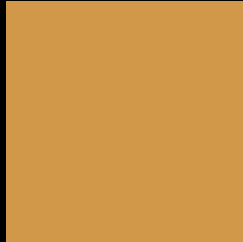
Large Text (above 18pt) WCAG AA × Fail

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 38.7588, 36.5062, 11.4822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

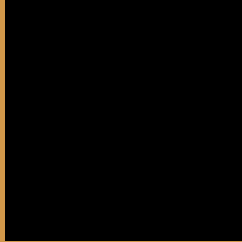
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.7588, 36.5062, 11.4822

Background



This preview shows how black text looks on a background with the XYZ color 38.7588, 36.5062, 11.4822.



This preview shows how white text looks on a background with the XYZ color 38.7588, 36.5062,

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

38.7588, 36.5062, 11.4822

Protanopia

33.5284, 36.5682, 12.4990

Deuteranopia

37.2811, 36.4803, 11.3798



Tritanopia

43.6795, 36.4251, 35.3004

Trichromacy



Original Color

38.7588, 36.5062, 11.4822

Protanomaly

35.2235, 36.4085, 12.1922

Deuteranomaly

37.9350, 36.5714, 11.3629

Tritanomaly

41.4211, 36.1846, 24.2032

Monochromacy



Original Color

38.7588, 36.5062, 11.4822

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.3795, 35.1639, 25.7442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7588, 36.5062, 11.4822 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(209, 152, 74)` looks like.

```
.text, #text, p{  
    color:rgb(209, 152, 74)  
}
```

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(209, 152, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 152, 74) }
```

Border

The CSS property to change the border of an element to XYZ 38.7588, 36.5062, 11.4822 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(209, 152, 74) }
```


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

```
.border{ border-color:rgb(209, 152, 74) }
```

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

Here you see how a box with a 4 pixel rgb(209, 152, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 152, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 152, 74);  
box-shadow:4px 4px 4px 4px rgb(209, 152,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7588, 36.5062, 11.4822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 152, 74) }
```

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

```
.background{ background-color: rgb(209,  
152, 74) }
```

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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