

Converting Colors

XYZ(35.6378, 30.8571, 6.5078)

Have a look what the booklet for
XYZ(35.6378, 30.8571, 6.5078)
contains.

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Color

**XYZ(35.7061, 30.8058,
6.4471)**

Conversions

Conversions Part 1

Format	Color
Hex	D3852C
RGB	211, 133, 44
RGB Percent	83%, 52%, 17%
CMY	0.1726, 0.4784, 0.8274
CMYK	0.00, 0.37, 0.79, 0.17
HSL	32°, 65%, 50%
HSV	32°, 79%, 83%
XYZ	35.7061, 30.8058, 6.4471
YIQ	146.1760, 75.0570, -11.1430

Conversions

Conversions Part 2

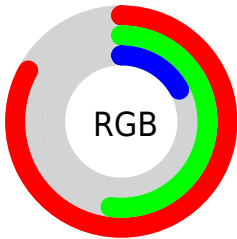
Format	Color
R _Y B	190, 211, 44
Decimal	13862188
CIE Lab	62.34, 23.09, 57.12
CIE LCh	62, 61.612, 67.991
Yxy	30.8058, 0.4894, 0.4222
Android (android.graphics.Color)	4292052268 (0xFFD3852C)
YUV	146.1760, -50.3728, 56.8506
Hunter-Lab	55.5030, 17.7022, 31.9651

Details

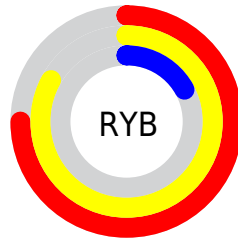
The XYZ color **35.7061, 30.8058, 6.4471** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **19.7557, 19.1568, 64.2839**, and the grayscale version is **27.5734, 29.0094, 31.5912**.

A 20% lighter version of the original color is **60.9102, 57.2223, 18.9010**, and **15.8558, 12.7658, 1.6284** is the 20% darker color. If you saturate the color by 10%, you get **34.1192, 28.1138, 4.4338**, and if you desaturate by 10%, it is **37.6224, 33.8347, 9.5646**.

Distribution



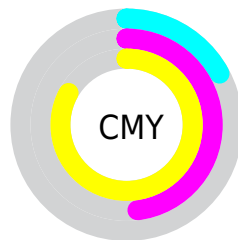
- Red (83%)
- Green (52%)
- Blue (17%)



- Red (75%)
- Yellow (83%)
- Blue (17%)



- Cyan (0%)
- Magenta (37%)
- Yellow (79%)
- Black (17%)





- Cyan (17%)
- Magenta (48%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7061, 30.8058, 6.4471 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 35.7061, 30.8058, 6.4471 by changing the saturation by 10% instead.


 35.7061, 30.8058,
6.4471


 35.7061, 30.8058,
6.4471


319.1278,
305.6426, 172.4398


 24.3764, 20.4510,
3.0457


 67.9050, 60.9342,
19.3455

 15.7393, 12.7233,
1.1180


 89.5049, 81.4766,
29.6796

 9.4295, 7.2383,
0.0000


 115.2589,
106.1836, 43.1616

 5.0817, 3.6116,
0.0000

 145.5324,
135.4398, 60.2101

 2.3305, 1.4587,
0.0000

 180.6907,
169.6293, 81.2436

 0.8102, 0.2594,
0.0000

 221.0991,

 0.0000, 0.0000,

209.1367, 106.6807

0.0000

267.1230,
254.3464, 136.9399

■ 35.7061, 30.8058,
6.4471

■ 35.7061, 30.8058,
6.4471

■ 34.1192, 28.1138,
4.4338

■ 37.6224, 33.8347,
9.5646

■ 32.8120, 25.7294,
3.2887

■ 39.8963, 37.2132,
13.9272

■ 32.7082, 25.5378,
3.2054

■ 42.5544, 40.9584,
19.6566

■ 45.6199, 45.0845,
26.8592

■ 49.1138, 49.6048,
35.6308

■ 53.0554, 54.5315,
46.0592

■ 57.4627, 59.8764,
58.2253

■ 62.3528, 65.6506,
72.2050

■ 67.7416, 71.8648,
88.0695

Harmonies

Analogous

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



43.8140, 30.8058, 12.4797



35.7061, 30.8058, 6.4471



27.1081, 30.8058, 5.5289

Triad

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



35.7061, 30.8058, 6.4471



16.1038, 30.8058, 40.3361



40.2944, 30.8058, 84.2779

Complementary

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



35.7061, 30.8058, 6.4471



19.7557, 19.1568, 64.2839

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.



31.5649, 30.8058, 102.6188



35.7061, 30.8058, 6.4471



18.3784, 30.8058, 70.4696

Square

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



35.7061, 30.8058, 6.4471



16.7930, 30.8058, 19.1141



23.6752, 30.8058, 96.6291



46.7939, 30.8058, 53.8511

Rectangle

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



35.7061, 30.8058, 6.4471



22.3839, 30.8058, 7.1450



23.6752, 30.8058, 96.6291



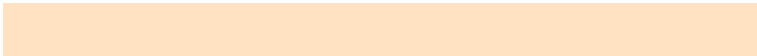
37.4643, 30.8058, 92.5886

Sweetspot

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



35.7068, 30.8074, 6.4477



78.2652, 79.7661, 62.1926



31.4482, 17.1238, 20.9554



16.2959, 16.4995, 12.1163



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.



35.7068, 30.8074, 6.4477



50.9633, 40.5930, 5.5215



49.8219, 60.2112, 11.3792



12.3229, 12.8366, 12.4403



19.8431, 15.6193, 1.9690



1.1886, 1.0314, 0.1364

Inverse Universe

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



19.7557, 19.1568, 64.2839



25.6590, 22.1971, 97.5398



13.8210, 7.1040, 62.2702



11.6123, 12.3149, 15.0086



9.8632, 8.3731, 38.2888



0.6306, 0.6263, 2.1672

Previews

White Background



This preview shows how the XYZ color 35.7061, 30.8058, 6.4471 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 35.7061, 30.8058, 6.4471 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 35.7061, 30.8058, 6.4471

Background



This preview shows how black text looks on a background with the XYZ color 35.7061, 30.8058, 6.4471.



This preview shows how white text looks on a background with the XYZ color 35.7061, 30.8058,

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

35.7061, 30.8058, 6.4471

Protanopia

27.9832, 30.7900, 7.3739

Deuteranopia

31.4407, 30.7453, 6.2848



Tritanopia

39.8296, 30.7355, 26.3875

Trichromacy



Original Color

35.7061, 30.8058, 6.4471

Protanomaly

30.2535, 30.3421, 6.9514

Deuteranomaly

32.9216, 30.6311, 6.2751

Tritanomaly

37.6699, 30.4145, 16.1971

Monochromacy



Original Color

35.7061, 30.8058, 6.4471

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.8628, 28.6999, 18.4864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7061, 30.8058, 6.4471 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(211, 133, 44)` looks like.

```
.text, #text, p{  
    color:rgb(211, 133, 44)  
}
```

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(211, 133, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 133, 44) }
```

Border

The CSS property to change the border of an element to XYZ 35.7061, 30.8058, 6.4471 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(211, 133, 44) }
```


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

```
.border{ border-color:rgb(211, 133, 44) }
```

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

Here you see how a box with a 4 pixel rgb(211, 133, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 133, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 133, 44);  
box-shadow:4px 4px 4px 4px rgb(211, 133,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7061, 30.8058, 6.4471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 133, 44) }
```

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

```
.background{ background-color: rgb(211,  
133, 44) }
```

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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