

Converting Colors

XYZ(35.0897, 28.9762, 5.9812)

Have a look what the booklet for
XYZ(35.0897, 28.9762, 5.9812)
contains.

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Color

**XYZ(34.9210, 28.8387,
6.0114)**

Conversions

Conversions Part 1

Format	Color
Hex	D47D2B
RGB	212, 125, 43
RGB Percent	83%, 49%, 17%
CMY	0.1686, 0.5098, 0.8314
CMYK	0.00, 0.41, 0.80, 0.17
HSL	29°, 66%, 50%
HSV	29°, 80%, 83%
XYZ	34.9210, 28.8387, 6.0114
YIQ	141.6650, 78.1740, -7.0580

Conversions

Conversions Part 2

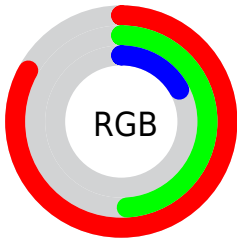
Format	Color
R _Y B	212, 202, 43
Decimal	13925675
CIE Lab	60.64, 27.77, 55.98
CIE LCh	61, 62.491, 63.614
Yxy	28.8387, 0.5005, 0.4133
Android (android.graphics.Color)	4292115755 (0xFFD47D2B)
YUV	141.6650, -48.6418, 61.6838
Hunter-Lab	53.7017, 22.0966, 30.9542

Details

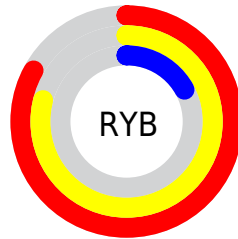
The XYZ color **34.9210, 28.8387, 6.0114** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **20.8620, 21.2312, 65.2852**, and the grayscale version is **25.7440, 27.0847, 29.4952**.

A 20% lighter version of the original color is **59.2260, 53.9270, 18.1139**, and **15.2786, 11.6115, 1.4360** is the 20% darker color. If you saturate the color by 10%, you get **33.3219, 26.1098, 4.0326**, and if you desaturate by 10%, it is **36.8751, 31.9550, 9.1052**.

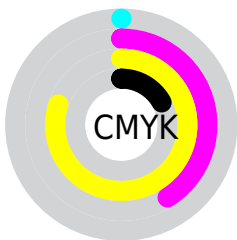
Distribution



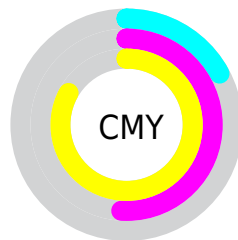
- Red (83%)
- Green (49%)
- Blue (17%)



- Red (83%)
- Yellow (79%)
- Blue (17%)



- Cyan (0%)
- Magenta (41%)
- Yellow (80%)
- Black (17%)





- Cyan (17%)
- Magenta (51%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9210, 28.8387, 6.0114 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 34.9210, 28.8387, 6.0114 by changing the saturation by 10% instead.


 34.9210, 28.8387,
6.0114


 34.9210, 28.8387,
6.0114


315.7336,
296.4531, 168.4825


 23.7683, 18.9588,
2.7831


 66.6982, 57.8207,
18.4326


 15.2856, 11.6405,
0.9850


 88.0534, 77.6916,
28.4626

 9.1077, 6.4994,
0.0000


 113.5400,
101.6617, 41.5970

 4.8692, 3.1511,
0.0000

 143.5236,
130.1154, 58.2542

 2.2047, 1.2111,
0.0000

 178.3694,
163.4369, 78.8528

 0.7452, 0.0707,
0.0000

 218.4427,

 0.0000, 0.0000,

202.0108, 103.8114

0.0000

264.1090,
246.2214, 133.5484

■ 34.9210, 28.8387,
6.0114

■ 34.9210, 28.8387,
6.0114

■ 33.3219, 26.1098,
4.0326

■ 36.8751, 31.9550,
9.1052

■ 32.0227, 23.7347,
2.9108

■ 39.2145, 35.4745,
13.4589

■ 31.9885, 23.6716,
2.8831

■ 41.9675, 39.4170,
19.1969

■ 45.1588, 43.7991,
26.4279

■ 48.8109, 48.6364,
35.2499

■ 52.9444, 53.9437,
45.7523

■ 57.5787, 59.7347,
58.0179

■ 62.7318, 66.0227,
72.1237

■ 68.4211, 72.8203,
88.1424

Harmonies

Analogous

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



42.5129, 28.8387, 12.6310



34.9210, 28.8387, 6.0114



26.4414, 28.8387, 4.6224

Triad

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



34.9210, 28.8387, 6.0114



14.6321, 28.8387, 34.2932



36.9552, 28.8387, 85.0318

Complementary

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



34.9210, 28.8387, 6.0114



20.8620, 21.2312, 65.2852

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.



28.4026, 28.8387, 100.1493



34.9210, 28.8387, 6.0114



16.3894, 28.8387, 63.0839

Square

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



34.9210, 28.8387, 6.0114



15.7033, 28.8387, 15.4713



21.0620, 28.8387, 90.6052



43.8403, 28.8387, 55.6521

Rectangle

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



34.9210, 28.8387, 6.0114



21.6394, 28.8387, 5.7139



21.0620, 28.8387, 90.6052



34.1256, 28.8387, 92.4637

Sweetspot

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



34.9216, 28.8402, 6.0119



77.4757, 78.1872, 61.9295



32.0657, 17.3451, 22.8889



16.1069, 16.1215, 12.0533



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.



34.9216, 28.8402, 6.0119



49.1444, 36.9793, 4.8404



50.4325, 59.8619, 11.1822



12.9156, 13.4055, 13.0675



19.8478, 14.8128, 1.8131



1.2798, 1.0588, 0.1369

Inverse Universe

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



20.8620, 21.2312, 65.2852



27.0119, 24.9543, 98.0007



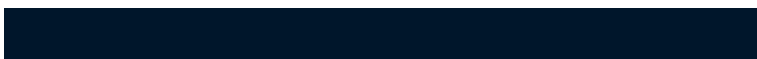
13.8499, 7.2070, 62.9479



12.2660, 13.0554, 15.8110



10.8218, 9.9053, 39.7947



0.7355, 0.7629, 2.4278

Previews

White Background



This preview shows how the XYZ color 34.9210, 28.8387, 6.0114 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 34.9210, 28.8387, 6.0114 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 × Fail

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

XYZ 34.9210, 28.8387, 6.0114

Background



This preview shows how black text looks on a background with the XYZ color 34.9210, 28.8387, 6.0114.



This preview shows how white text looks on a background with the XYZ color 34.9210, 28.8387,

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

34.9210, 28.8387, 6.0114

Protanopia

26.2979, 28.9817, 7.1137

Deuteranopia

29.3337, 28.7892, 5.7611



Tritanopia

38.3819, 28.8022, 22.9385

Trichromacy



Original Color

34.9210, 28.8387, 6.0114

Protanomaly

28.8018, 28.4942, 6.6712

Deuteranomaly

31.1394, 28.6660, 5.8113

Tritanomaly

36.8064, 28.7062, 14.4274

Monochromacy



Original Color

34.9210, 28.8387, 6.0114

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.3420, 26.8644, 17.3799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9210, 28.8387, 6.0114 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(212, 125, 43)` looks like.

```
.text, #text, p{  
    color:rgb(212, 125, 43)  
}
```

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(212, 125, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 125, 43) }
```

Border

The CSS property to change the border of an element to XYZ 34.9210, 28.8387, 6.0114 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(212, 125, 43) }
```


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

```
.border{ border-color:rgb(212, 125, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 125, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 125, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 125, 43);  
box-shadow:4px 4px 4px 4px rgb(212, 125,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9210, 28.8387, 6.0114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 125, 43) }
```

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

```
.background{ background-color: rgb(212,  
125, 43) }
```

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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