

Converting Colors

XYZ(34.9308, 29.4157, 4.7799)

Have a look what the booklet for
XYZ(34.9308, 29.4157, 4.7799)
contains.

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Color

**XYZ(35.0460, 29.5056,
4.7677)**

Conversions

Conversions Part 1

Format	Color
Hex	D48019
RGB	212, 128, 25
RGB Percent	83%, 50%, 10%
CMY	0.1686, 0.4980, 0.9019
CMYK	0.00, 0.40, 0.88, 0.17
HSL	33°, 79%, 46%
HSV	33°, 88%, 83%
XYZ	35.0460, 29.5056, 4.7677
YIQ	141.3740, 83.1270, -14.2250

Conversions

Conversions Part 2

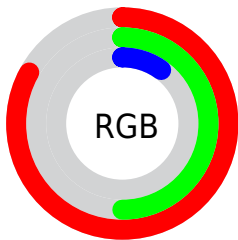
Format	Color
R_{YB}	178, 212, 25
Decimal	13926425
CIE _{Lab}	61.23, 25.67, 62.65
CIE _{LCh}	61, 67.709, 67.719
Yxy	29.5056, 0.5056, 0.4256
Android (android.graphics.Color)	4292116505 (0xFFD48019)
YUV	141.3740, -57.3724, 61.9390
Hunter-Lab	54.3191, 20.1077, 32.8193

Details

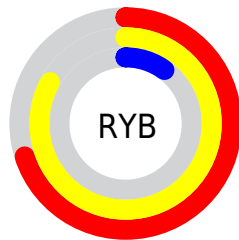
The XYZ color **35.0460, 29.5056, 4.7677** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **17.7529, 15.8968, 64.4195**, and the grayscale version is **25.6610, 26.9974, 29.4002**.

A 20% lighter version of the original color is **59.2869, 54.9169, 15.4579**, and **15.4869, 12.0281, 1.5054** is the 20% darker color. If you saturate the color by 10%, you get **33.7076, 27.0764, 3.5589**, and if you desaturate by 10%, it is **36.6693, 32.2378, 6.8958**.

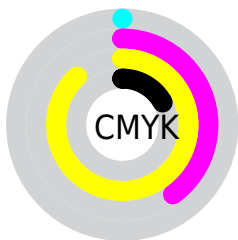
Distribution



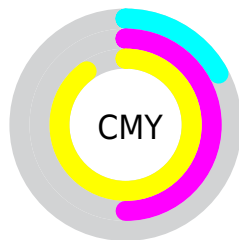
- Red (83%)
- Green (50%)
- Blue (10%)



- Red (70%)
- Yellow (83%)
- Blue (10%)



- Cyan (0%)
- Magenta (40%)
- Yellow (88%)
- Black (17%)





- Cyan (17%)
- Magenta (50%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0460, 29.5056, 4.7677 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 35.0460, 29.5056, 4.7677 by changing the saturation by 10% instead.

 35.0460, 29.5056,
4.7677


 35.0460, 29.5056,
4.7677


316.2758,
299.5931, 156.4103


 23.8650, 19.4636,
2.0553


 66.8906, 58.8794,
15.7448

 15.3577, 12.0058,
0.5890


 88.2849, 78.9801,
24.8466

 9.1588, 6.7476,
0.0000


 113.8143,
103.2024, 36.9152

 4.9028, 3.3048,
0.0000

 143.8442,
131.9308, 52.3693

 2.2245, 1.2928,
0.0000

 178.7399,
165.5497, 71.6273

 0.7556, 0.1356,
0.0000

 218.8669,

 0.0000, 0.0000,

204.4434, 95.1077

0.0000

264.5904,
248.9964, 123.2292

35.0460, 29.5056,
4.7677

35.0460, 29.5056,
4.7677

33.7076, 27.0764,
3.5589

36.6693, 32.2378,
6.8958

33.4863, 26.6672,
3.3824

38.6181, 35.2904,
10.1503

40.9227, 38.6815,
14.6737

43.6086, 42.4258,
20.5865

46.6987, 46.5369,
27.9953

■ 50.2138, 51.0275,
36.9961

■ 54.1728, 55.9091,
47.6766

■ 58.5937, 61.1931,
60.1183

■ 63.4931, 66.8901,
74.3973

Harmonies

Analogous

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



43.8763, 29.5056, 10.5028



35.0460, 29.5056, 4.7677



25.8077, 29.5056, 3.9221

Triad

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



35.0460, 29.5056, 4.7677



14.2743, 29.5056, 39.1698



39.8712, 29.5056, 88.5824

Complementary

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



35.0460, 29.5056, 4.7677



17.7529, 15.8968, 64.4195

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.



30.4063, 29.5056, 109.2800



35.0460, 29.5056, 4.7677



16.5684, 29.5056, 72.4081

Square

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



35.0460, 29.5056, 4.7677



15.0020, 29.5056, 16.8965



22.0432, 29.5056, 102.1680



47.0478, 29.5056, 54.5224

Rectangle

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



35.0460, 29.5056, 4.7677



20.8134, 29.5056, 5.3401



22.0432, 29.5056, 102.1680



36.7813, 29.5056, 97.9764

Sweetspot

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



35.0467, 29.5071, 4.7682



77.3775, 78.8905, 59.1227



30.2674, 15.7998, 15.9653



16.1361, 16.3519, 11.5329



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.



35.0467, 29.5071, 4.7682



50.6856, 40.1513, 5.0785



48.2520, 59.8041, 9.9201



12.9846, 13.5435, 13.0905



20.7743, 16.6659, 2.1219



1.3351, 1.1695, 0.1554

Inverse Universe

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



17.7529, 15.8968, 64.4195



24.1283, 19.3765, 97.0761



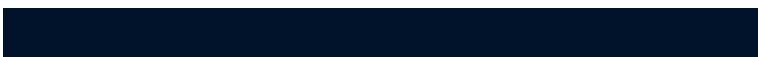
12.9027, 5.7950, 62.7253



12.1973, 12.9180, 15.7881



9.9722, 8.2061, 39.5115



0.6834, 0.6589, 2.4105

Previews

White Background



This preview shows how the XYZ color 35.0460, 29.5056, 4.7677 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 35.0460, 29.5056, 4.7677 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 35.0460, 29.5056, 4.7677

Background



This preview shows how black text looks on a background with the XYZ color 35.0460, 29.5056, 4.7677.



This preview shows how white text looks on a background with the XYZ color 35.0460, 29.5056,

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

35.0460, 29.5056, 4.7677

Protanopia

26.9311, 29.8093, 5.6307

Deuteranopia

30.0977, 29.6463, 4.5514



Tritanopia

39.1084, 29.5039, 24.0557

Trichromacy



Original Color

35.0460, 29.5056, 4.7677

Protanomaly

29.2751, 29.2057, 5.2567

Deuteranomaly

31.6783, 29.3878, 4.5750

Tritanomaly

36.8722, 29.1215, 13.5752

Monochromacy



Original Color

35.0460, 29.5056, 4.7677

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.9926, 26.7247, 15.5401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0460, 29.5056, 4.7677 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, 128, 25)` looks like.

```
.text, #text, p{  
    color:rgb(212, 128, 25)  
}
```

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, 128, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 128, 25) }
```

Border

The CSS property to change the border of an element to XYZ 35.0460, 29.5056, 4.7677 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, 128, 25) }
```


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

```
.border{ border-color:rgb(212, 128, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 128, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 128, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 128, 25);  
box-shadow:4px 4px 4px 4px rgb(212, 128,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0460, 29.5056, 4.7677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 128, 25) }
```

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

```
.background{ background-color: rgb(212,  
128, 25) }
```

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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