

Converting Colors

XYZ(34.6454, 28.1233, 0.0000)

Have a look what the booklet for
XYZ(34.6454, 28.1233, 0.0000)
contains.

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Color

**XYZ(35.4526, 28.4265,
3.6183)**

Conversions

Conversions Part 1

Format	Color
Hex	D97900
RGB	217, 121, 0
RGB Percent	85%, 47%, 0%
CMY	0.1490, 0.5255, 1.0000
CMYK	0.00, 0.44, 1.00, 0.15
HSL	33°, 100%, 43%
HSV	33°, 100%, 85%
XYZ	35.4526, 28.4265, 3.6183
YIQ	135.9100, 96.0570, -17.2790

Conversions

Conversions Part 2

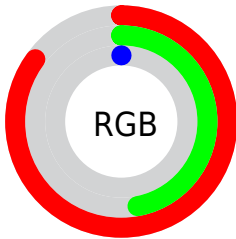
Format	Color
R_{YB}	172, 217, 0
Decimal	14252288
CIE _{Lab}	60.27, 31.16, 67.20
CIE _{LCh}	60, 74.077, 65.123
Yxy	28.4265, 0.5252, 0.4211
Android (android.graphics.Color)	4292442368 (0xFFD97900)
YUV	135.9100, -67.0036, 71.1159
Hunter-Lab	53.3165, 25.3890, 33.2979

Details

The XYZ color **35.4526, 28.4265, 3.6183** 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 **16.7072, 13.3755, 67.3461**, and the grayscale version is **23.5871, 24.8154, 27.0240**.

A 20% lighter version of the original color is **57.4502, 51.9618, 12.6319**, and **15.7708, 11.4750, 1.3837** is the 20% darker color. If you saturate the color by 10%, you get **35.4527, 28.4271, 3.6184**, and if you desaturate by 10%, it is **36.8205, 30.9355, 4.7749**.

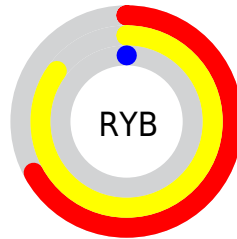
Distribution



Red (85%)

Green (47%)

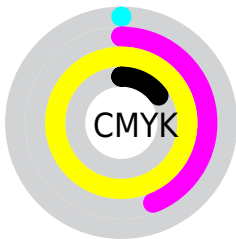
Blue (0%)



Red (67%)

Yellow (85%)

Blue (0%)

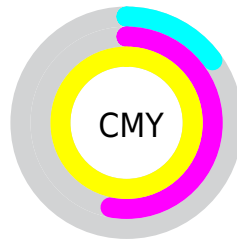


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (15%)



Cyan (15%)


Magenta (53%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4526, 28.4265, 3.6183 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 35.4526, 28.4265, 3.6183 by changing the saturation by 10% instead.


 35.4526, 28.4265,
3.6183


 35.4526, 28.4265,
3.6183


318.0347,
294.4993, 143.8833


 24.1799, 18.6474,
1.4184


 67.5157, 57.1647,
13.1194

 15.5926, 11.4158,
0.1560


 89.0369, 76.8925,
21.2577

 9.3253, 6.3472,
0.0000


 114.7048,
100.7054, 32.2125

 5.0128, 3.0573,
0.0000

 144.8850,
128.9877, 46.4023

 2.2896, 1.1617,
0.0000

 179.9427,
162.1239, 64.2458


 0.7893, 0.0301,
0.0000


 220.2433,


 0.0000, 0.0000,

200.4983, 86.1614


0.0000


 266.1522,
244.4953, 112.5678


 35.4526, 28.4265,
3.6183


 35.4526, 28.4265,
3.6183

 35.4527, 28.4271,
3.6184

 36.8205, 30.9355,
4.7749

 38.4668, 33.7454,
6.8110

 40.4476, 36.8852,
10.0051

 42.7953, 40.3724,
14.5128

 45.5377, 44.2228,
20.4652

■ 48.6991, 48.4506,
27.9774

■ 52.3017, 53.0691,
37.1528

■ 56.3659, 58.0906,
48.0858

■ 60.9106, 63.5268,
60.8636

Harmonies

Analogous

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



44.8787, 28.4265, 9.5575



35.4526, 28.4265, 3.6183



25.4201, 28.4265, 2.6177

Triad

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



35.4526, 28.4265, 3.6183



12.6049, 28.4265, 35.8616



38.9474, 28.4265, 96.4712

Complementary

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



35.4526, 28.4265, 3.6183



16.7072, 13.3755, 67.3461

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.



28.6826, 28.4265, 117.7436



35.4526, 28.4265, 3.6183



14.6644, 28.4265, 71.8519

Square

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



35.4526, 28.4265, 3.6183



13.6057, 28.4265, 13.7506



20.0409, 28.4265, 106.7852



47.2053, 28.4265, 58.5804

Rectangle

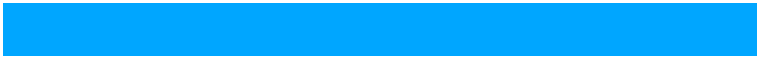
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



35.4526, 28.4265, 3.6183



19.9825, 28.4265, 3.6411



20.0409, 28.4265, 106.7852



35.5382, 28.4265, 106.5678

Sweetspot

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



35.4532, 28.4280, 3.6188



75.2244, 76.2909, 53.1440



30.8033, 15.6270, 12.8626



15.6129, 15.7097, 10.1125



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.



35.4532, 28.4280, 3.6188



50.9418, 40.6637, 5.1639



50.3077, 62.7684, 9.4642



13.6552, 14.2497, 13.7563



21.5684, 17.4224, 2.2261



1.4827, 1.2995, 0.1727

Inverse Universe

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



16.7072, 13.3755, 67.3461



23.9335, 18.9871, 97.0112



12.6605, 5.0801, 65.9582



12.8104, 13.5605, 16.5944



10.2151, 8.2997, 40.8020



0.7467, 0.7076, 2.6717

Previews

White Background



This preview shows how the XYZ color 35.4526, 28.4265, 3.6183 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 35.4526, 28.4265, 3.6183 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 35.4526, 28.4265, 3.6183

Background



This preview shows how black text looks on a background with the XYZ color 35.4526, 28.4265, 3.6183.



This preview shows how white text looks on a background with the XYZ color 35.4526, 28.4265,

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

35.4526, 28.4265, 3.6183

Protanopia

25.6979, 28.4940, 4.7177

Tritanopia

39.1751, 28.5629, 21.5376

Trichromacy



Original Color

35.4526, 28.4265, 3.6183

Protanomaly

28.5345, 27.9828, 4.2139

Tritanomaly

37.1001, 28.2422, 10.5171

Monochromacy



Original Color

35.4526, 28.4265, 3.6183

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.3536, 24.9201, 12.4906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4526, 28.4265, 3.6183 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(217, 121, 0)` looks like.

```
.text, #text, p{  
    color:rgb(217, 121, 0)  
}
```

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(217, 121, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 121, 0) }
```

Border

The CSS property to change the border of an element to XYZ 35.4526, 28.4265, 3.6183 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(217, 121, 0) }
```

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

```
.border{ border-color:rgb(217, 121, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 121, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 121, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 121, 0);  
box-shadow:4px 4px 4px 4px rgb(217, 121,  
0) }
```


Background

The CSS property to change the background color of an element to XYZ 35.4526, 28.4265, 3.6183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 121, 0) }
```

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

```
.background{ background-color: rgb(217,  
121, 0) }
```

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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