

Converting Colors

XYZ(34.1753, 28.6596, 4.1270)

Have a look what the booklet for
XYZ(34.1753, 28.6596, 4.1270)
contains.

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Color

**XYZ(34.1118, 28.6524,
4.1133)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D27E0D |
| RGB | 210, 126, 13 |
| RGB Percent | 82%, 49%, 5% |
| CMY | 0.1765, 0.5059, 0.9490 |
| CMYK | 0.00, 0.40, 0.94, 0.18 |
| HSL | 34°, 88%, 44% |
| HSV | 34°, 94%, 82% |
| XYZ | 34.1118, 28.6524, 4.1133 |
| YIQ | 138.2340, 86.3370, -17.3350 |

Conversions

Conversions Part 2

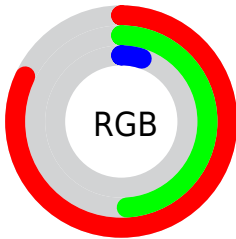
| Format | Color |
|-------------------------------------|---|
| RYB | 159, 210, 13 |
| Decimal | 13794829 |
| CIELab | 60.47, 25.70, 64.74 |
| CIElCh | 60, 69.656, 68.352 |
| Yxy | 28.6524, 0.5101, 0.4284 |
| Android (android.graphics.Color) | 4291984909 (0xFFD27E0D) |
| YUV | 138.2340, -61.7404, 62.9388 |
| Hunter-Lab | 53.5279, 20.0790, 32.9135 |

Details

The XYZ color **34.1118, 28.6524, 4.1133** 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 **16.0734, 13.2879, 62.6898**, and the grayscale version is **24.4534, 25.7269, 28.0166**.

A 20% lighter version of the original color is **58.6301, 54.0082, 13.9911**, and **14.9789, 11.5584, 1.4415** is the 20% darker color. If you saturate the color by 10%, you get **33.3501, 27.2456, 3.5012**, and if you desaturate by 10%, it is **35.5253, 31.1339, 5.6509**.

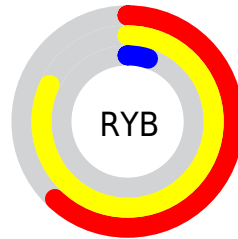
Distribution



Red (82%)

Green (49%)

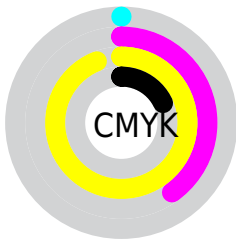
Blue (5%)



Red (62%)

Yellow (82%)

Blue (5%)

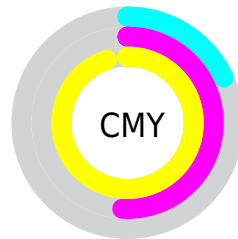


Cyan (0%)

Magenta (40%)

Yellow (94%)

Black (18%)



Cyan (18%)


Magenta (51%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1118, 28.6524, 4.1133 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 34.1118, 28.6524, 4.1133 by changing the saturation by 10% instead.


 34.1118, 28.6524,
4.1133

 34.1118, 28.6524,
4.1133


312.2074,
295.5713, 149.4765


 23.1428, 18.8180,
1.6877


 65.4506, 57.5244,
14.2702


 14.8203, 11.5389,
0.3523


 86.5512, 77.3307,
22.8386

 8.7788, 6.4305,
0.0000


 111.7596,
101.2299, 34.2917

 4.6532, 3.1086,
0.0000

 141.4412,
129.6062, 49.0481

 2.0779, 1.1887,
0.0000

 175.9615,
162.8442, 67.5262


 0.6771, 0.0524,
0.0000


 215.6857,


 0.0000, 0.0000,


201.3281, 90.1446


0.0000


 260.9792,
245.4423, 117.3218


 34.1118, 28.6524,
4.1133


 34.1118, 28.6524,
4.1133


 33.3501, 27.2456,
3.5012

 35.5253, 31.1339,
5.6509

 37.2281, 33.8979,
8.1960

 39.2524, 36.9626,
11.9042

 41.6250, 40.3426,
16.9037

 44.3690, 44.0507,
23.3055

■ 47.5054, 48.0991,
31.2085

■ 51.0532, 52.4988,
40.7028

■ 55.0303, 57.2603,
51.8710

■ 59.4532, 62.3936,
64.7902

Harmonies

Analogous

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



43.1402, 28.6524, 9.4758



34.1118, 28.6524, 4.1133



24.8018, 28.6524, 3.3924

Triad

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



34.1118, 28.6524, 4.1133



13.4741, 28.6524, 38.9444



39.4117, 28.6524, 88.2563

Complementary

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



34.1118, 28.6524, 4.1133



16.0734, 13.2879, 62.6898

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.



29.8186, 28.6524, 110.1436



34.1118, 28.6524, 4.1133



15.8138, 28.6524, 73.0329

Square

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



34.1118, 28.6524, 4.1133



14.1318, 28.6524, 16.2809



21.3477, 28.6524, 103.4148



46.6383, 28.6524, 53.2243

Rectangle

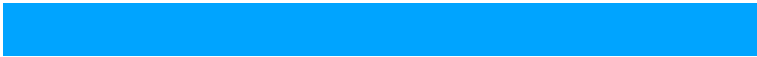
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.1118, 28.6524, 4.1133



19.8298, 28.6524, 4.7792



21.3477, 28.6524, 103.4148



36.2822, 28.6524, 98.0775

Sweetspot

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



34.1124, 28.6539, 4.1138



76.6554, 78.3151, 56.2040



28.9442, 14.8784, 12.9933



15.9036, 16.1338, 10.6943



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.



34.1124, 28.6539, 4.1138



51.5612, 41.9025, 5.3704



46.1100, 57.9741, 9.1408



12.3636, 12.9180, 12.4538



20.4448, 16.8226, 2.1695



1.2210, 1.0963, 0.1472

Inverse Universe

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



16.0734, 13.2879, 62.6898



23.4894, 18.0988, 96.8631



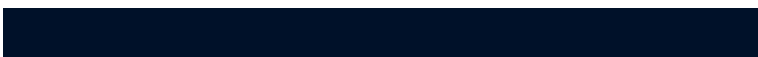
12.2063, 5.1626, 61.3253



11.5722, 12.2346, 14.9952



9.3977, 7.4420, 38.1336



0.6034, 0.5720, 2.1582

Previews

White Background



This preview shows how the XYZ color 34.1118, 28.6524, 4.1133 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 34.1118, 28.6524, 4.1133 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 34.1118, 28.6524, 4.1133

Background



This preview shows how black text looks on a background with the XYZ color 34.1118, 28.6524, 4.1133.



This preview shows how white text looks on a background with the XYZ color 34.1118, 28.6524,

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

34.1118, 28.6524, 4.1133

Protanopia

26.0861, 28.9209, 4.9169

Deuteranopia

29.2402, 28.7795, 4.0139



Tritanopia

38.1515, 28.6760, 23.2629

Trichromacy



Original Color

34.1118, 28.6524, 4.1133

Protanomaly

28.3979, 28.3327, 4.5443

Deuteranomaly

30.8006, 28.5305, 4.0271

Tritanomaly

35.7967, 28.2350, 12.1575

Monochromacy



Original Color

34.1118, 28.6524, 4.1133

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.8107, 25.7330, 13.9625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1118, 28.6524, 4.1133 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(210, 126, 13)` looks like.

```
.text, #text, p{  
    color:rgb(210, 126, 13)  
}
```

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(210, 126, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 126, 13) }
```

Border

The CSS property to change the border of an element to XYZ 34.1118, 28.6524, 4.1133 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(210, 126, 13) }
```


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

```
.border{ border-color:rgb(210, 126, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 126, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 126, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 126, 13);  
box-shadow:4px 4px 4px 4px rgb(210, 126,  
13) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1118, 28.6524, 4.1133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 126, 13) }
```

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

```
.background{ background-color: rgb(210,  
126, 13) }
```

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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