

Converting Colors

XYZ(33.5498, 27.3972, 5.7104)

Have a look what the booklet for
XYZ(33.5498, 27.3972, 5.7104)
contains.

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Color

**XYZ(33.5498, 27.3972,
5.7104)**

Conversions

Conversions Part 1

Format	Color
Hex	D1792A
RGB	209, 121, 42
RGB Percent	82%, 47%, 16%
CMY	0.1804, 0.5255, 0.8353
CMYK	0.00, 0.42, 0.80, 0.18
HSL	28°, 67%, 49%
HSV	28°, 80%, 82%
XYZ	33.5498, 27.3972, 5.7104
YIQ	138.3060, 77.8070, -5.9130

Conversions

Conversions Part 2

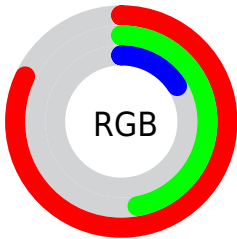
Format	Color
RYB	209, 192, 42
Decimal	13728042
CIELab	59.34, 28.62, 55.03
CIElCh	59, 62.031, 62.523
Yxy	27.3972, 0.5033, 0.4110
Android (android.graphics.Color)	4291918122 (0xFFD1792A)
YUV	138.3060, -47.4789, 61.9986
Hunter-Lab	52.3423, 22.8138, 30.1713

Details

The XYZ color **33.5498, 27.3972, 5.7104** 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 **20.4456, 21.0599, 63.3086**, and the grayscale version is **24.4302, 25.7025, 27.9900**.

A 20% lighter version of the original color is **58.3964, 52.3403, 17.6145**, and **14.6477, 10.8960, 1.3311** is the 20% darker color. If you saturate the color by 10%, you get **32.0059, 24.7602, 3.8068**, and if you desaturate by 10%, it is **35.4426, 30.4206, 8.6921**.

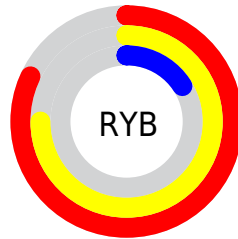
Distribution



Red (82%)

Green (47%)

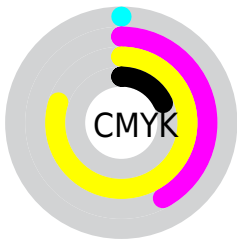
Blue (16%)



Red (82%)

Yellow (75%)

Blue (16%)

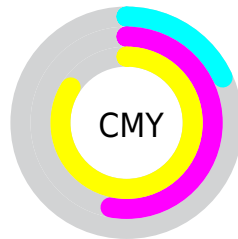


Cyan (0%)

Magenta (42%)

Yellow (80%)

Black (18%)



Cyan (18%)


Magenta (53%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5498, 27.3972, 5.7104 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 33.5498, 27.3972, 5.7104 by changing the saturation by 10% instead.


 33.5498, 27.3972,
5.7104


 33.5498, 27.3972,
5.7104


309.7413,
289.5752, 165.6733


 22.7092, 17.8718,
2.6039


 64.5819, 55.5206,
17.7939

 14.4984, 10.8580,
0.8945


 85.5041, 74.8873,
27.6081

 8.5522, 5.9714,
0.0000


 110.5176, 98.3033,
40.4951

 4.5050, 2.8277,
0.0000

 139.9877,
126.1529, 56.8736

 1.9916, 1.0425,
0.0000

 174.2798,
158.8204, 77.1621

 0.6292, 0.0000,
0.0000

 213.7591,

 0.0000, 0.0000,

196.6904, 101.7792

0.0000

258.7912,
240.1472, 131.1434

■ 33.5498, 27.3972,
5.7104

■ 33.5498, 27.3972,
5.7104

■ 32.0059, 24.7602,
3.8068

■ 35.4426, 30.4206,
8.6921

■ 30.7555, 22.4758,
2.7231

■ 37.7140, 33.8465,
12.8923

■ 30.7443, 22.4551,
2.7139

■ 40.3917, 37.6947,
18.4315

■ 43.4999, 41.9819,
25.4150

■ 47.0606, 46.7238,
33.9377

■ 51.0942, 51.9353,
44.0860

■ 55.6196, 57.6301,
55.9402

■ 60.6545, 63.8218,
69.5749

■ 66.2160, 70.5229,
85.0604

Harmonies

Analogous

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



40.7576, 27.3972, 12.2482



33.5498, 27.3972, 5.7104



25.3887, 27.3972, 4.2655

Triad

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



33.5498, 27.3972, 5.7104



13.7962, 27.3972, 31.7524



34.9153, 27.3972, 82.3218

Complementary

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



33.5498, 27.3972, 5.7104



20.4456, 21.0599, 63.3086

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.



26.7028, 27.3972, 96.1342



33.5498, 27.3972, 5.7104



15.3758, 27.3972, 59.2122

Square

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



33.5498, 27.3972, 5.7104



14.9180, 27.3972, 14.1383



19.7442, 27.3972, 86.0795



41.6497, 27.3972, 54.2125

Rectangle

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



33.5498, 27.3972, 5.7104



20.7321, 27.3972, 5.2075



19.7442, 27.3972, 86.0795



32.1849, 27.3972, 89.2820

Sweetspot

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



33.5504, 27.3986, 5.7109



77.2768, 77.7894, 61.8632



31.2237, 16.8519, 23.1038



16.0593, 16.0264, 12.0374



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.



33.5504, 27.3986, 5.7109



48.7581, 36.2069, 4.7117



48.1706, 56.6390, 10.5843



12.2634, 12.7174, 12.4204



19.0533, 14.0396, 1.7057



1.1445, 0.9433, 0.1218

Inverse Universe

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



20.4456, 21.0599, 63.3086



27.4377, 25.8058, 98.1426



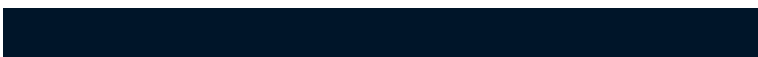
13.5029, 7.1745, 60.9944



11.6718, 12.4339, 15.0285



10.6417, 9.9300, 38.5483



0.6742, 0.7135, 2.1818

Previews

White Background



This preview shows how the XYZ color 33.5498, 27.3972, 5.7104 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 33.5498, 27.3972, 5.7104 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 33.5498, 27.3972, 5.7104

Background



This preview shows how black text looks on a background with the XYZ color 33.5498, 27.3972, 5.7104.



This preview shows how white text looks on a background with the XYZ color 33.5498, 27.3972,

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

33.5498, 27.3972, 5.7104

Protanopia

25.0040, 27.6335, 6.8123

Deuteranopia

27.9450, 27.4390, 5.4925



Tritanopia

36.7969, 27.3369, 21.4263

Trichromacy



Original Color

33.5498, 27.3972, 5.7104

Protanomaly

27.6574, 27.2706, 6.3908

Deuteranomaly

29.9520, 27.4489, 5.5532

Tritanomaly

35.3285, 27.2605, 13.5250

Monochromacy



Original Color

33.5498, 27.3972, 5.7104

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.0093, 25.3743, 16.3589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5498, 27.3972, 5.7104 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(209, 121, 42)` looks like.

```
.text, #text, p{  
    color:rgb(209, 121, 42)  
}
```

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(209, 121, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 121, 42) }
```

Border

The CSS property to change the border of an element to XYZ 33.5498, 27.3972, 5.7104 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(209, 121, 42) }
```


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

```
.border{ border-color:rgb(209, 121, 42) }
```

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

Here you see how a box with a 4 pixel rgb(209, 121, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 121, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 121, 42);  
box-shadow:4px 4px 4px 4px rgb(209, 121,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5498, 27.3972, 5.7104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 121, 42) }
```

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

```
.background{ background-color: rgb(209,  
121, 42) }
```

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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