

Converting Colors

XYZ(32.1747, 25.8117, 5.5226)

Have a look what the booklet for
XYZ(32.1747, 25.8117, 5.5226)
contains.

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Color

**XYZ(32.1169, 25.7798,
5.4737)**

Conversions

Conversions Part 1

Format	Color
Hex	CE742A
RGB	206, 116, 42
RGB Percent	81%, 45%, 16%
CMY	0.1922, 0.5451, 0.8353
CMYK	0.00, 0.44, 0.80, 0.19
HSL	27°, 66%, 49%
HSV	27°, 80%, 81%
XYZ	32.1169, 25.7798, 5.4737
YIQ	134.4740, 77.3940, -3.9340

Conversions

Conversions Part 2

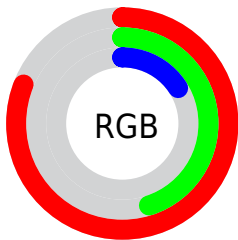
Format	Color
R_{YB}	206, 177, 42
Decimal	13530154
CIE _{Lab}	57.83, 30.04, 53.47
CIE _{LCh}	58, 61.333, 60.677
Yxy	25.7798, 0.5068, 0.4068
Android (android.graphics.Color)	4291720234 (0xFFCE742A)
YUV	134.4740, -45.5897, 62.7283
Hunter-Lab	50.7738, 24.0557, 29.1499

Details

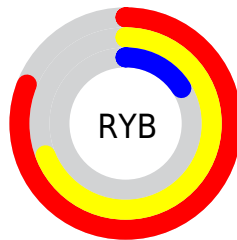
The XYZ color **32.1169, 25.7798, 5.4737** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **20.3460, 21.4496, 61.4599**, and the grayscale version is **22.9784, 24.1750, 26.3266**.

A 20% lighter version of the original color is **57.4038, 50.4262, 17.0637**, and **13.8023, 10.0074, 1.2042** is the 20% darker color. If you saturate the color by 10%, you get **30.6138, 23.2200, 3.5975**, and if you desaturate by 10%, it is **33.9691, 28.7353, 8.4006**.

Distribution



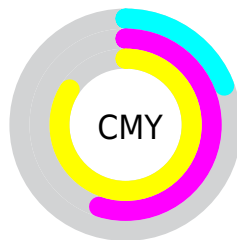
- Red (81%)
- Green (45%)
- Blue (16%)



- Red (81%)
- Yellow (69%)
- Blue (16%)



- Cyan (0%)
- Magenta (44%)
- Yellow (80%)
- Black (19%)





- Cyan (19%)
- Magenta (55%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1169, 25.7798, 5.4737 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 32.1169, 25.7798, 5.4737 by changing the saturation by 10% instead.


 32.1169, 25.7798,
5.4737


 32.1169, 25.7798,
5.4737


303.3873,
281.6995, 163.4171


 21.6068, 16.6590,
2.4642


 62.3583, 52.9195,
17.2867


 13.6832, 9.9917,
0.8211


 82.8202, 71.7072,
26.9274

 7.9809, 5.3934,
0.0000


 107.3302, 94.4859,
39.6155

 4.1344, 2.4799,
0.0000

 136.2535,
121.6401, 55.7696

 1.7785, 0.8665,
0.0000

 169.9555,
153.5542, 75.8083

 0.5046, 0.0000,
0.0000

 208.8015,

 0.0000, 0.0000,

190.6125, 100.1501

0.0000

253.1570,
233.1994, 129.2135

■ 32.1169, 25.7798,
5.4737

■ 32.1169, 25.7798,
5.4737

■ 30.6138, 23.2200,
3.5975

■ 33.9691, 28.7353,
8.4006

■ 29.4072, 21.0223,
2.5308

■ 36.1995, 32.1032,
12.5132

■ 29.3641, 20.9431,
2.4948

■ 38.8354, 35.9040,
17.9273

■ 41.9008, 40.1549,
24.7445

■ 45.4174, 44.8722,
33.0561

■ 49.4052, 50.0711,
42.9458

■ 53.8832, 55.7663,
54.4908

■ 58.8688, 61.9715,
67.7632

■ 64.3789, 68.6998,
82.8310

Harmonies

Analogous

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



38.8196, 25.7798, 12.0402



32.1169, 25.7798, 5.4737



24.3359, 25.7798, 3.9057

Triad

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



32.1169, 25.7798, 5.4737



12.8909, 25.7798, 28.5521



32.4655, 25.7798, 79.4270

Complementary

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



32.1169, 25.7798, 5.4737



20.3460, 21.4496, 61.4599

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.



24.6708, 25.7798, 91.3310



32.1169, 25.7798, 5.4737



14.2260, 25.7798, 54.2780

Square

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



32.1169, 25.7798, 5.4737



14.1098, 25.7798, 12.5189



18.1988, 25.7798, 80.3903



39.0476, 25.7798, 52.9989

Rectangle

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



32.1169, 25.7798, 5.4737



19.8329, 25.7798, 4.6496



18.1988, 25.7798, 80.3903



29.8538, 25.7798, 85.7172

Sweetspot

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



32.1175, 25.7812, 5.4742



76.9218, 77.0793, 61.7448



30.4600, 16.4492, 23.4714



15.9746, 15.8569, 12.0092



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.



32.1175, 25.7812, 5.4742



48.0929, 34.8763, 4.4899



46.0196, 53.5854, 10.1082



11.6222, 12.0334, 11.7896



18.1758, 13.0845, 1.5676



1.0131, 0.8259, 0.1060

Inverse Universe

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



20.3460, 21.4496, 61.4599



28.2318, 27.3941, 98.4074



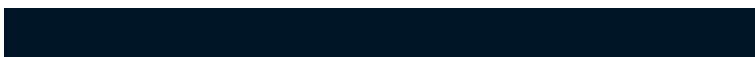
13.2447, 7.2470, 59.0928



11.1034, 11.8473, 14.2719



10.5972, 10.2184, 37.3701



0.6219, 0.6775, 1.9529

Previews

White Background



This preview shows how the XYZ color 32.1169, 25.7798, 5.4737 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 32.1169, 25.7798, 5.4737 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 32.1169, 25.7798, 5.4737

Background



This preview shows how black text looks on a background with the XYZ color 32.1169, 25.7798, 5.4737.



This preview shows how white text looks on a background with the XYZ color 32.1169, 25.7798,

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

32.1169, 25.7798, 5.4737

Protanopia

23.6219, 26.0375, 6.5770

Deuteranopia

26.2489, 25.7439, 5.2547



Tritanopia

35.1994, 25.8999, 19.6670

Trichromacy



Original Color

32.1169, 25.7798, 5.4737

Protanomaly

26.0650, 25.4285, 6.1192

Deuteranomaly

28.0604, 25.5008, 5.2769

Tritanomaly

33.8918, 25.8649, 12.6573

Monochromacy



Original Color

32.1169, 25.7798, 5.4737

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.4355, 23.5919, 15.5777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1169, 25.7798, 5.4737 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(206, 116, 42)` looks like.

```
.text, #text, p{  
    color:rgb(206, 116, 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(206, 116, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 116, 42) }
```

Border

The CSS property to change the border of an element to XYZ 32.1169, 25.7798, 5.4737 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(206, 116, 42) }
```


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

```
.border{ border-color:rgb(206, 116, 42) }
```

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

Here you see how a box with a 4 pixel rgb(206, 116, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 116, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 116, 42);  
box-shadow:4px 4px 4px 4px rgb(206, 116,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1169, 25.7798, 5.4737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 116, 42) }
```

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

```
.background{ background-color: rgb(206,  
116, 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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