

Converting Colors

XYZ(35.4843, 25.4134, 4.2109)

Have a look what the booklet for
XYZ(35.4843, 25.4134, 4.2109)
contains.

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Color

**XYZ(35.5034, 25.4772,
4.2087)**

Conversions

Conversions Part 1

Format	Color
Hex	DF671D
RGB	223, 103, 29
RGB Percent	87%, 40%, 11%
CMY	0.1255, 0.5960, 0.8863
CMYK	0.00, 0.54, 0.87, 0.13
HSL	23°, 77%, 49%
HSV	23°, 87%, 87%
XYZ	35.5034, 25.4772, 4.2087
YIQ	130.4440, 95.2740, 2.4260

Conversions

Conversions Part 2

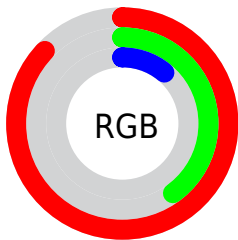
Format	Color
R_{YB}	223, 149, 29
Decimal	14640925
CIE _{Lab}	57.54, 43.12, 59.17
CIE _{LCh}	58, 73.212, 53.915
Yxy	25.4772, 0.5446, 0.3908
Android (android.graphics.Color)	4292831005 (0xFFDF671D)
YUV	130.4440, -50.0119, 81.1716
Hunter-Lab	50.4749, 37.2234, 30.3887

Details

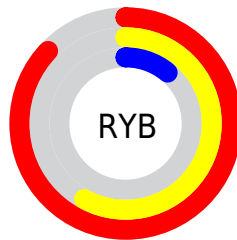
The XYZ color **35.5034, 25.4772, 4.2087** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **24.5723, 27.0816, 73.7435**, and the grayscale version is **21.5248, 22.6458, 24.6612**.

A 20% lighter version of the original color is **54.6515, 45.6461, 13.9128**, and **15.6810, 9.8412, 1.0731** is the 20% darker color. If you saturate the color by 10%, you get **34.0581, 22.8831, 2.8143**, and if you desaturate by 10%, it is **37.3735, 28.6057, 6.7186**.

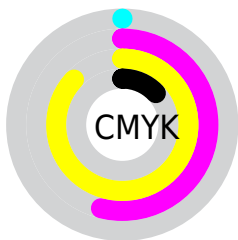
Distribution



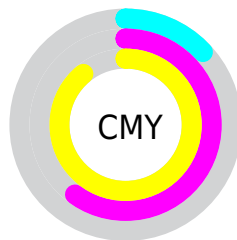
- Red (87%)
- Green (40%)
- Blue (11%)



- Red (87%)
- Yellow (58%)
- Blue (11%)



- Cyan (0%)
- Magenta (54%)
- Yellow (87%)
- Black (13%)





- Cyan (13%)
- Magenta (60%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5034, 25.4772, 4.2087 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 35.5034, 25.4772, 4.2087 by changing the saturation by 10% instead.


 35.5034, 25.4772,
4.2087


 35.5034, 25.4772,
4.2087


318.2540,
280.2062, 150.5176


 24.2192, 16.4329,
1.7405


 67.5938, 52.4303,
14.4883


 15.6219, 9.8310,
0.3883


 89.1307, 71.1080,
23.1368

 9.3462, 5.2871,
0.0000


 114.8159, 93.7656,
34.6825

 5.0266, 2.4167,
0.0000

 145.0148,
120.7875, 49.5439

 2.2978, 0.8344,
0.0000

 180.0927,
152.5581, 68.1395

 0.7935, 0.0000,
0.0000

 220.4150,

 0.0000, 0.0000,

189.4618, 90.8880

0.0000

266.3469,
231.8830, 118.2079

35.5034, 25.4772,
4.2087

35.5034, 25.4772,
4.2087

34.0581, 22.8831,
2.8143

37.3735, 28.6057,
6.7186

33.6851, 22.1958,
2.5088

39.7156, 32.3006,
10.5498

42.5699, 36.5944,
15.8624

45.9707, 41.5157,
22.7928

49.9491, 47.0907,
31.4621

■ 54.5338, 53.3442,
41.9793

■ 59.7510, 60.2992,
54.4447

■ 65.6255, 67.9780,
68.9512

■ 72.1807, 76.4014,
85.5857

Harmonies

Analogous

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



43.0206, 25.4772, 12.4640



35.5034, 25.4772, 4.2087



26.0378, 25.4772, 2.1419

Triad

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



35.5034, 25.4772, 4.2087



11.0692, 25.4772, 22.9520



31.6741, 25.4772, 98.9375

Complementary

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



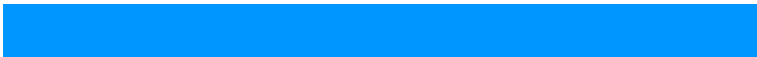
35.5034, 25.4772, 4.2087



24.5723, 27.0816, 73.7435

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.



22.4799, 25.4772, 108.2119



35.5034, 25.4772, 4.2087



11.8873, 25.4772, 52.1368

Square

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



35.5034, 25.4772, 4.2087



13.0289, 25.4772, 7.9717



15.6161, 25.4772, 87.5168



40.4640, 25.4772, 66.7607

Rectangle

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



35.5034, 25.4772, 4.2087



20.4001, 25.4772, 2.3552



15.6161, 25.4772, 87.5168



28.4788, 25.4772, 105.4125

Sweetspot

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



35.5040, 25.4786, 4.2091



74.4373, 73.0103, 58.1427



36.5271, 18.8293, 31.3578



15.4430, 14.9657, 11.3018



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.



35.5040, 25.4786, 4.2091



45.5404, 29.8607, 3.3635



50.6493, 55.7694, 9.2576



14.1337, 14.5533, 14.3709



19.9076, 13.2530, 1.5088



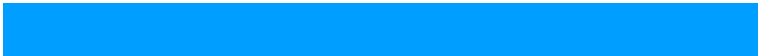
1.4645, 1.0878, 0.1328

Inverse Universe

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



24.5723, 27.0816, 73.7435



30.2296, 31.5792, 99.1099



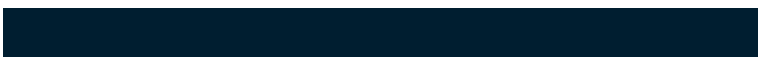
15.1858, 8.3088, 70.6147



13.6545, 14.6481, 17.4954



13.2819, 14.0334, 43.0570



1.0063, 1.1440, 3.0130

Previews

White Background



This preview shows how the XYZ color 35.5034, 25.4772, 4.2087 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 35.5034, 25.4772, 4.2087 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 35.5034, 25.4772, 4.2087

Background



This preview shows how black text looks on a background with the XYZ color 35.5034, 25.4772, 4.2087.



This preview shows how white text looks on a background with the XYZ color 35.5034, 25.4772,

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

35.5034, 25.4772, 4.2087

Protanopia

23.2928, 25.6731, 5.5615

Deuteranopia

25.7955, 25.3466, 3.5328



Tritanopia

37.9951, 25.5138, 15.7541

Trichromacy



Original Color

35.5034, 25.4772, 4.2087

Protanomaly

26.5866, 24.7464, 4.9654

Deuteranomaly

28.6360, 24.9054, 3.6145

Tritanomaly

36.8177, 25.4530, 9.8099

Monochromacy



Original Color

35.5034, 25.4772, 4.2087

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

24.0021, 22.1158, 13.3596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5034, 25.4772, 4.2087 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(223, 103, 29)` looks like.

```
.text, #text, p{  
    color:rgb(223, 103, 29)  
}
```

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(223, 103, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 103, 29) }
```

Border

The CSS property to change the border of an element to XYZ 35.5034, 25.4772, 4.2087 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(223, 103, 29) }
```


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

```
.border{ border-color:rgb(223, 103, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 103, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 103, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 103, 29);  
box-shadow:4px 4px 4px 4px rgb(223, 103,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5034, 25.4772, 4.2087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 103, 29) }
```

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

```
.background{ background-color: rgb(223,  
103, 29) }
```

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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