

Converting Colors

XYZ(35.8194, 25.6960, 5.2449)

Have a look what the booklet for
XYZ(35.8194, 25.6960, 5.2449)
contains.

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Color

**XYZ(35.7997, 25.7558,
5.2750)**

Conversions

Conversions Part 1

Format	Color
Hex	DF682A
RGB	223, 104, 42
RGB Percent	87%, 41%, 16%
CMY	0.1255, 0.5921, 0.8353
CMYK	0.00, 0.53, 0.81, 0.13
HSL	21°, 74%, 52%
HSV	21°, 81%, 87%
XYZ	35.7997, 25.7558, 5.2750
YIQ	132.5130, 90.8260, 5.9460

Conversions

Conversions Part 2

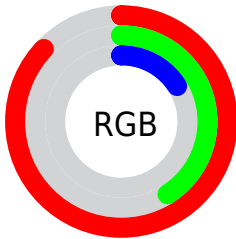
Format	Color
R _Y B	223, 136, 42
Decimal	14641194
CIE Lab	57.80, 42.97, 54.34
CIE LCh	58, 69.275, 51.665
Yxy	25.7558, 0.5357, 0.3854
Android (android.graphics.Color)	4292831274 (0xFFDF682A)
YUV	132.5130, -44.6229, 79.3571
Hunter-Lab	50.7502, 37.1030, 29.3625

Details

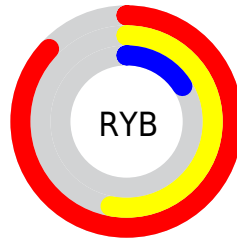
The XYZ color **35.7997, 25.7558, 5.2750** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **27.0179, 31.3075, 74.4306**, and the grayscale version is **22.2520, 23.4109, 25.4944**.

A 20% lighter version of the original color is **55.3986, 46.4864, 16.1782**, and **15.9259, 10.0331, 1.0972** is the 20% darker color. If you saturate the color by 10%, you get **34.1562, 22.9400, 3.2756**, and if you desaturate by 10%, it is **37.9227, 29.1763, 8.5285**.

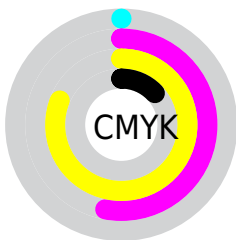
Distribution



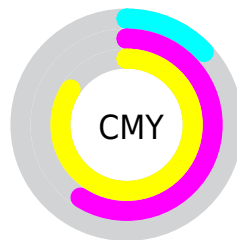
- Red (87%)
- Green (41%)
- Blue (16%)



- Red (87%)
- Yellow (53%)
- Blue (16%)



- Cyan (0%)
- Magenta (53%)
- Yellow (81%)
- Black (13%)





- Cyan (13%)
- Magenta (59%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7997, 25.7558, 5.2750 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 35.7997, 25.7558, 5.2750 by changing the saturation by 10% instead.


 35.7997, 25.7558,
5.2750


 35.7997, 25.7558,
5.2750


319.5308,
281.5813, 161.4889


 24.4489, 16.6410,
2.3480


 68.0487, 52.8807,
16.8573

 15.7935, 9.9789,
0.7579


 89.6776, 71.6597,
26.3497

 9.4681, 5.3850,
0.0000


 115.4633, 94.4288,
38.8676

 5.1073, 2.4749,
0.0000

 145.7711,
121.5726, 54.8296

 2.3457, 0.8640,
0.0000

 180.9664,
153.4753, 74.6541

 0.8179, 0.0000,
0.0000

 221.4146,

 0.0000, 0.0000,

190.5214, 98.7599

0.0000

267.4809,
233.0952, 127.5653

■ 35.7997, 25.7558,
5.2750

■ 35.7997, 25.7558,
5.2750

■ 34.1562, 22.9400,
3.2756

■ 37.9227, 29.1763,
8.5285

■ 33.0429, 20.9113,
2.2947

■ 40.5679, 33.2347,
13.2086

■ 43.7745, 37.9663,
19.4614

■ 47.5767, 43.4022,
27.4144

■ 52.0060, 49.5713,
37.1819

■ 57.0913, 56.5009,
48.8682

■ 62.8595, 64.2168,
62.5696

■ 69.3362, 72.7434,
78.3758

■ 76.5455, 82.1042,
96.3711

Harmonies

Analogous

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



42.5538, 25.7558, 14.3053



35.7997, 25.7558, 5.2750



26.8723, 25.7558, 2.7536

Triad

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



35.7997, 25.7558, 5.2750



11.8210, 25.7558, 21.9147



30.8717, 25.7558, 95.7779

Complementary

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



35.7997, 25.7558, 5.2750



27.0179, 31.3075, 74.4306

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.



22.2343, 25.7558, 102.1553



35.7997, 25.7558, 5.2750



12.4223, 25.7558, 48.5791

Square

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



35.7997, 25.7558, 5.2750



13.9563, 25.7558, 8.1481



15.8401, 25.7558, 81.4963



39.2895, 25.7558, 67.1248

Rectangle

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



35.7997, 25.7558, 5.2750



21.3868, 25.7558, 2.8532



15.8401, 25.7558, 81.4963



27.8582, 25.7558, 101.0648

Sweetspot

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



35.8003, 25.7572, 5.2754



75.1960, 73.6277, 61.1696



37.8403, 19.9764, 36.3555



15.5643, 15.0364, 11.8724



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.



35.8003, 25.7572, 5.2754



45.1426, 28.9982, 3.4376



49.8823, 53.9213, 9.9694



14.0892, 14.4643, 14.3561



19.5236, 12.4850, 1.3808



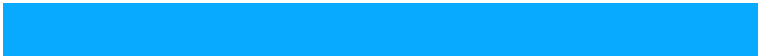
1.4345, 1.0279, 0.1228

Inverse Universe

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



27.0179, 31.3075, 74.4306



32.5699, 36.1177, 99.8625



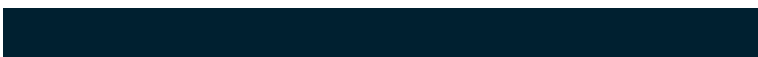
16.6024, 10.4765, 70.9587



13.7006, 14.7403, 17.5107



14.0393, 15.5482, 43.3095



1.0554, 1.2422, 3.0294

Previews

White Background



This preview shows how the XYZ color 35.7997, 25.7558, 5.2750 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 35.7997, 25.7558, 5.2750 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 35.7997, 25.7558, 5.2750

Background



This preview shows how black text looks on a background with the XYZ color 35.7997, 25.7558, 5.2750.



This preview shows how white text looks on a background with the XYZ color 35.7997, 25.7558,

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

35.7997, 25.7558, 5.2750

Protanopia

23.6859, 26.0631, 6.9143

Deuteranopia

26.1778, 25.7154, 4.8802



Tritanopia

38.2304, 25.9036, 16.0816

Trichromacy



Original Color

35.7997, 25.7558, 5.2750

Protanomaly

26.9453, 25.0954, 6.2200

Deuteranomaly

29.0011, 25.2469, 4.9347

Tritanomaly

37.0937, 25.7160, 10.7932

Monochromacy



Original Color

35.7997, 25.7558, 5.2750

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.9857, 22.9462, 15.1688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7997, 25.7558, 5.2750 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, 104, 42)` looks like.

```
.text, #text, p{  
    color:rgb(223, 104, 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(223, 104, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 104, 42) }
```

Border

The CSS property to change the border of an element to XYZ 35.7997, 25.7558, 5.2750 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, 104, 42) }
```


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

```
.border{ border-color:rgb(223, 104, 42) }
```

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

Here you see how a box with a 4 pixel rgb(223, 104, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 104, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 104, 42);  
box-shadow:4px 4px 4px 4px rgb(223, 104,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7997, 25.7558, 5.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 104, 42) }
```

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

```
.background{ background-color: rgb(223,  
104, 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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