

Converting Colors

XYZ(35.4117, 27.3823, 6.9323)

Have a look what the booklet for
XYZ(35.4117, 27.3823, 6.9323)
contains.

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Color

**XYZ(35.5265, 27.5088,
6.9273)**

Conversions

Conversions Part 1

Format	Color
Hex	D97436
RGB	217, 116, 54
RGB Percent	85%, 45%, 21%
CMY	0.1490, 0.5451, 0.7882
CMYK	0.00, 0.47, 0.75, 0.15
HSL	23°, 68%, 53%
HSV	23°, 75%, 85%
XYZ	35.5265, 27.5088, 6.9273
YIQ	139.1310, 80.0980, 2.1300

Conversions

Conversions Part 2

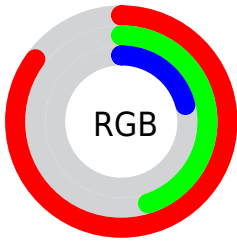
Format	Color
RYB	217, 154, 54
Decimal	14251062
CIELab	59.44, 34.99, 50.23
CIELCh	59, 61.215, 55.141
Yxy	27.5088, 0.5078, 0.3932
Android (android.graphics.Color)	4292441142 (0xFFD97436)
YUV	139.1310, -41.9696, 68.2911
Hunter-Lab	52.4488, 29.1225, 28.8833

Details

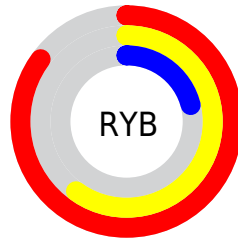
The XYZ color **35.5265, 27.5088, 6.9273** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **25.7662, 29.2349, 69.9301**, and the grayscale version is **24.7269, 26.0147, 28.3300**.

A 20% lighter version of the original color is **57.9267, 50.6354, 19.8172**, and **15.6585, 10.9643, 1.2910** is the 20% darker color. If you saturate the color by 10%, you get **33.6866, 24.4710, 4.3360**, and if you desaturate by 10%, it is **37.8191, 31.0891, 10.7908**.

Distribution



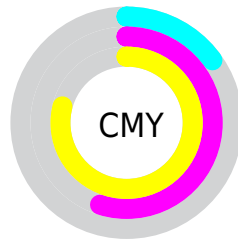
- Red (85%)
- Green (45%)
- Blue (21%)



- Red (85%)
- Yellow (60%)
- Blue (21%)



- Cyan (0%)
- Magenta (47%)
- Yellow (75%)
- Black (15%)





- Cyan (15%)
- Magenta (55%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5265, 27.5088, 6.9273 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 35.5265, 27.5088, 6.9273 by changing the saturation by 10% instead.


 35.5265, 27.5088,
6.9273


 35.5265, 27.5088,
6.9273


318.3537,
290.1123, 176.6662

 24.2371, 17.9557,
3.3389


 67.6293, 55.6993,
20.3372


 15.6353, 10.9182,
1.2702


 89.1734, 75.1054,
30.9958


 9.3557, 6.0119,
0.0372


 114.8664, 98.5647,
44.8482

 5.0329, 2.8523,
0.0000

 145.0738,
126.4616, 62.3129

 2.3015, 1.0551,
0.0000

 180.1609,
159.1804, 83.8085

 0.7954, 0.0000,
0.0000

 220.4930,

 0.0000, 0.0000,

197.1055, 109.7536

0.0000

266.4355,
240.6213, 140.5666

■ 35.5265, 27.5088,
6.9273

■ 35.5265, 27.5088,
6.9273

■ 33.6866, 24.4710,
4.3360

■ 37.8191, 31.0891,
10.7908

■ 32.2553, 21.9390,
2.8393

■ 40.5985, 35.2362,
16.0692

■ 31.6738, 20.8691,
2.3587

■ 43.8969, 39.9779,
22.8877

■ 47.7429, 45.3386,
31.3569

■ 52.1629, 51.3412,
41.5772

■ 57.1811, 58.0071,
53.6409

■ 62.8207, 65.3570,
67.6339

■ 69.1031, 73.4105,
83.6365

■ 76.0491, 82.1862,
101.7244

Harmonies

Analogous

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



41.9208, 27.5088, 15.3388



35.5265, 27.5088, 6.9273



27.4170, 27.5088, 4.4863

Triad

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



35.5265, 27.5088, 6.9273



14.0205, 27.5088, 26.5115



32.9348, 27.5088, 86.8608

Complementary

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



35.5265, 27.5088, 6.9273



25.7662, 29.2349, 69.9301

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.



24.9155, 27.5088, 94.9371



35.5265, 27.5088, 6.9273



14.9277, 27.5088, 51.7506

Square

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



35.5265, 27.5088, 6.9273



15.8051, 27.5088, 11.7006



18.5822, 27.5088, 79.7786



40.2308, 27.5088, 61.2072

Rectangle

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



35.5265, 27.5088, 6.9273



22.4759, 27.5088, 4.8678



18.5822, 27.5088, 79.7786



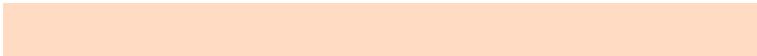
30.1959, 27.5088, 92.1255

Sweetspot

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



35.5271, 27.5103, 6.9278



76.4868, 75.7476, 63.0231



36.0401, 19.8324, 33.9315



15.8405, 15.5005, 12.2365



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.



35.5271, 27.5103, 6.9278



47.3040, 33.0986, 4.8437



48.8558, 54.1676, 11.3707



13.4600, 13.8593, 13.6913



19.2682, 12.8219, 1.4593



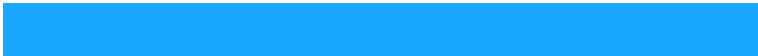
1.3299, 0.9938, 0.1217

Inverse Universe

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



25.7662, 29.2349, 69.9301



32.4102, 35.3268, 99.7183



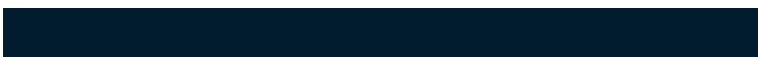
16.6119, 10.9265, 66.8787



13.0072, 13.9541, 16.6600



12.8851, 13.6396, 41.6920



0.9169, 1.0480, 2.7284

Previews

White Background



This preview shows how the XYZ color 35.5265, 27.5088, 6.9273 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 35.5265, 27.5088, 6.9273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

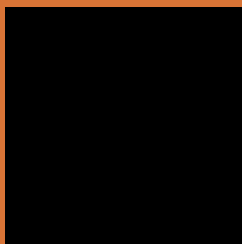
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5265, 27.5088, 6.9273

Background



This preview shows how black text looks on a background with the XYZ color 35.5265, 27.5088, 6.9273.



This preview shows how white text looks on a background with the XYZ color 35.5265, 27.5088,

6.9273.

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

35.5265, 27.5088, 6.9273

Protanopia

25.3400, 27.7679, 8.5816

Deuteranopia

28.1601, 27.5250, 6.6250



Tritanopia

38.1947, 27.4373, 20.1125

Trichromacy



Original Color

35.5265, 27.5088, 6.9273

Protanomaly

28.3706, 27.1897, 7.8905

Deuteranomaly

30.4183, 27.2683, 6.6777

Tritanomaly

37.0280, 27.4566, 13.9377

Monochromacy



Original Color

35.5265, 27.5088, 6.9273

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.7594, 25.5308, 17.7049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5265, 27.5088, 6.9273 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(217, 116, 54)` looks like.

```
.text, #text, p{  
    color:rgb(217, 116, 54)  
}
```

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(217, 116, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 116, 54) }
```

Border

The CSS property to change the border of an element to XYZ 35.5265, 27.5088, 6.9273 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(217, 116, 54) }
```


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

```
.border{ border-color:rgb(217, 116, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 116, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 116, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 116, 54);  
box-shadow:4px 4px 4px 4px rgb(217, 116,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5265, 27.5088, 6.9273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 116, 54) }
```

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

```
.background{ background-color: rgb(217,  
116, 54) }
```

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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