

Converting Colors

XYZ(35.6655, 27.1953, 5.4491)

Have a look what the booklet for
XYZ(35.6655, 27.1953, 5.4491)
contains.

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Color

**XYZ(35.6310, 27.2548,
5.4806)**

Conversions

Conversions Part 1

Format	Color
Hex	DB7229
RGB	219, 114, 41
RGB Percent	86%, 45%, 16%
CMY	0.1412, 0.5529, 0.8392
CMYK	0.00, 0.48, 0.81, 0.14
HSL	25°, 71%, 51%
HSV	25°, 81%, 86%
XYZ	35.6310, 27.2548, 5.4806
YIQ	137.0730, 86.0130, -0.4430

Conversions

Conversions Part 2

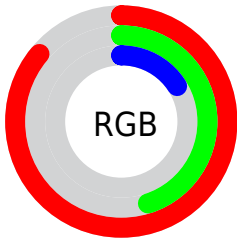
Format	Color
R _Y B	219, 165, 41
Decimal	14381609
CIE Lab	59.21, 36.34, 55.83
CIE LCh	59, 66.615, 56.935
Yxy	27.2548, 0.5212, 0.3987
Android (android.graphics.Color)	4292571689 (0xFFDB7229)
YUV	137.0730, -47.3640, 71.8500
Hunter-Lab	52.2061, 30.4666, 30.3200

Details

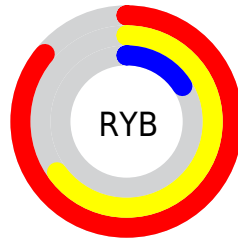
The XYZ color **35.6310, 27.2548, 5.4806** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **23.9788, 26.1422, 70.7995**, and the grayscale version is **23.9571, 25.2048, 27.4480**.

A 20% lighter version of the original color is **56.9905, 49.6701, 16.7088**, and **15.7380, 10.8349, 1.2619** is the 20% darker color. If you saturate the color by 10%, you get **33.9940, 24.4320, 3.5449**, and if you desaturate by 10%, it is **37.6874, 30.5771, 8.6040**.

Distribution



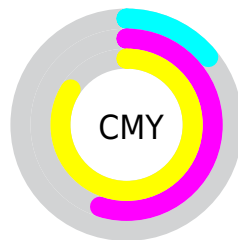
- Red (86%)
- Green (45%)
- Blue (16%)



- Red (86%)
- Yellow (65%)
- Blue (16%)



- Cyan (0%)
- Magenta (48%)
- Yellow (81%)
- Black (14%)





- Cyan (14%)
- Magenta (55%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6310, 27.2548, 5.4806 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 35.6310, 27.2548, 5.4806 by changing the saturation by 10% instead.


 35.6310, 27.2548,
5.4806

 35.6310, 27.2548,
5.4806


318.8043,
288.8887, 163.4835

 24.3181, 17.7647,
2.4683


 67.7897, 55.2925,
17.3016

 15.6958, 10.7812,
0.8233


 89.3663, 74.6088,
26.9473

 9.3986, 5.9199,
0.0000


 115.0949, 97.9693,
39.6413

 5.0613, 2.7964,
0.0000

 145.3407,
125.7585, 55.8020

 2.3184, 1.0264,
0.0000

 180.4692,
158.3606, 75.8481

 0.8040, 0.0000,
0.0000

 220.8457,

 0.0000, 0.0000,

196.1600, 100.1980

0.0000

266.8356,
239.5413, 129.2703

■ 35.6310, 27.2548,
5.4806

■ 35.6310, 27.2548,
5.4806

■ 33.9940, 24.4320,
3.5449

■ 37.6874, 30.5771,
8.6040

■ 32.8543, 22.3422,
2.5809

■ 40.2002, 34.4229,
13.0788

■ 43.2035, 38.8194,
19.0438

■ 46.7271, 43.7900,
26.6202

■ 50.7981, 49.3567,
35.9162

■ 55.4414, 55.5401,
47.0309

■ 60.6805, 62.3598,
60.0556

■ 66.5371, 69.8344,
75.0755

■ 73.0321, 77.9816,
92.1704

Harmonies

Analogous

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



42.9095, 27.2548, 13.4058



35.6310, 27.2548, 5.4806



26.7682, 27.2548, 3.4279

Triad

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



35.6310, 27.2548, 5.4806



13.0066, 27.2548, 27.2969



33.8329, 27.2548, 91.9751

Complementary

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



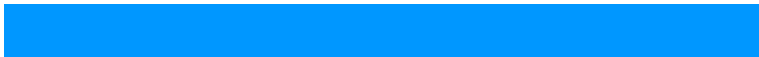
35.6310, 27.2548, 5.4806



23.9788, 26.1422, 70.7995

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.



25.0603, 27.2548, 102.7799



35.6310, 27.2548, 5.4806



14.1167, 27.2548, 55.5878

Square

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



35.6310, 27.2548, 5.4806



14.6941, 27.2548, 11.0634



18.1324, 27.2548, 86.8738



41.7251, 27.2548, 62.2759

Rectangle

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



35.6310, 27.2548, 5.4806



21.5261, 27.2548, 3.9032



18.1324, 27.2548, 86.8738



30.8405, 27.2548, 98.4519

Sweetspot

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



35.6316, 27.2563, 5.4811



76.2608, 75.7573, 61.5245



35.3358, 18.7779, 29.6964



15.8171, 15.5420, 11.9567



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.



35.6316, 27.2563, 5.4811



46.5879, 31.9110, 3.8504



50.5467, 57.0865, 10.4528



13.4924, 13.9242, 13.7021



19.5830, 13.4515, 1.5643



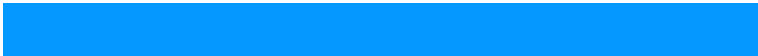
1.3521, 1.0384, 0.1292

Inverse Universe

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



23.9788, 26.1422, 70.7995



29.4242, 29.8737, 98.8231



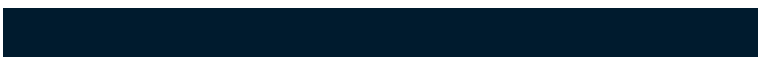
15.2545, 8.6936, 67.8914



12.9738, 13.8874, 16.6489



12.3607, 12.5907, 41.5172



0.8848, 0.9838, 2.7177

Previews

White Background



This preview shows how the XYZ color 35.6310, 27.2548, 5.4806 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 35.6310, 27.2548, 5.4806 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 35.6310, 27.2548, 5.4806

Background



This preview shows how black text looks on a background with the XYZ color 35.6310, 27.2548, 5.4806.



This preview shows how white text looks on a background with the XYZ color 35.6310, 27.2548,

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

35.6310, 27.2548, 5.4806

Protanopia

24.8740, 27.3403, 6.8719

Deuteranopia

27.8873, 27.4159, 5.1885



Tritanopia

38.4192, 27.2599, 19.1564

Trichromacy



Original Color

35.6310, 27.2548, 5.4806

Protanomaly

27.8005, 26.5235, 6.2391

Deuteranomaly

30.2707, 27.0290, 5.2118

Tritanomaly

37.1150, 27.2121, 12.3131

Monochromacy



Original Color

35.6310, 27.2548, 5.4806

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.1849, 24.8753, 15.9917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6310, 27.2548, 5.4806 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(219, 114, 41)` looks like.

```
.text, #text, p{  
    color:rgb(219, 114, 41)  
}
```

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(219, 114, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 114, 41) }
```

Border

The CSS property to change the border of an element to XYZ 35.6310, 27.2548, 5.4806 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(219, 114, 41) }
```


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

```
.border{ border-color:rgb(219, 114, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 114, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 114, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 114, 41);  
box-shadow:4px 4px 4px 4px rgb(219, 114,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6310, 27.2548, 5.4806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 114, 41) }
```

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

```
.background{ background-color: rgb(219,  
114, 41) }
```

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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