

Converting Colors

XYZ(34.8637, 27.9556, 11.1479)

Have a look what the booklet for
XYZ(34.8637, 27.9556, 11.1479)
contains.

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Color

**XYZ(34.8637, 27.9556,
11.1479)**

Conversions

Conversions Part 1

Format	Color
Hex	D27950
RGB	210, 121, 80
RGB Percent	82%, 47%, 31%
CMY	0.1765, 0.5255, 0.6863
CMYK	0.00, 0.42, 0.62, 0.18
HSL	19°, 59%, 57%
HSV	19°, 62%, 82%
XYZ	34.8637, 27.9556, 11.1479
YIQ	142.9370, 66.2050, 6.1170

Conversions

Conversions Part 2

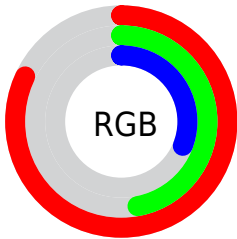
Format	Color
R _Y B	210, 140, 80
Decimal	13793616
CIE Lab	59.85, 30.98, 37.21
CIE LCh	60, 48.420, 50.217
Yxy	27.9556, 0.4713, 0.3779
Android (android.graphics.Color)	4291983696 (0xFFD27950)
YUV	142.9370, -31.0279, 58.8143
Hunter-Lab	52.8731, 25.1724, 24.5103

Details

The XYZ color **34.8637, 27.9556, 11.1479** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **29.1282, 34.7326, 66.1413**, and the grayscale version is **26.1855, 27.5491, 30.0010**.

A 20% lighter version of the original color is **60.4053, 53.1438, 28.1932**, and **15.2903, 11.1956, 2.7939** is the 20% darker color. If you saturate the color by 10%, you get **32.5869, 24.4558, 7.1408**, and if you desaturate by 10%, it is **37.6446, 32.0760, 16.5195**.

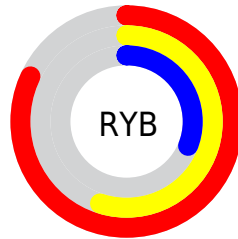
Distribution



Red (82%)

Green (47%)

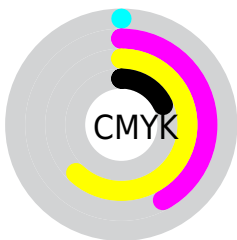
Blue (31%)



Red (82%)

Yellow (55%)

Blue (31%)

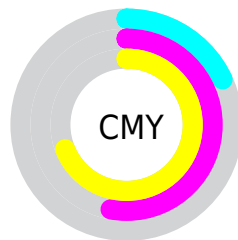


Cyan (0%)

Magenta (42%)

Yellow (62%)

Black (18%)



Cyan (18%)


Magenta (53%)

Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8637, 27.9556, 11.1479 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 34.8637, 27.9556, 11.1479 by changing the saturation by 10% instead.


 34.8637, 27.9556,
11.1479

 34.8637, 27.9556,
11.1479


315.4849,
292.2547, 209.4532


 23.7239, 18.2922,
6.0510


 66.6100, 56.4135,
28.5742

 15.2526, 11.1600,
2.8068


 87.9472, 75.9769,
41.7406


 9.0843, 6.1745,
0.9969


 113.4143, 99.6090,
58.4339

 4.8538, 2.9515,
0.0000

 143.3765,
127.6942, 79.0727

 2.1956, 1.1065,
0.0000

 178.1994,
160.6170, 104.0755

 0.7404, 0.0000,
0.0000

218.2481,

 0.0000, 0.0000,

198.7618, 133.8608

0.0000

263.8882,
242.5129, 168.8472

■ 34.8637, 27.9556,
11.1479

■ 34.8637, 27.9556,
11.1479

■ 32.5869, 24.4558,
7.1408

■ 37.6446, 32.0760,
16.5195

■ 30.7773, 21.5399,
4.3693

■ 40.9590, 36.8424,
23.3653

■ 29.3951, 19.1735,
2.6820

■ 44.8357, 42.2838,
31.7856

■ 28.5404, 17.6260,
1.8979

■ 49.3013, 48.4262,
41.8713

■ 54.3801, 55.2941,
53.7063

■ 60.0954, 62.9107,
67.3689

■ 66.4688, 71.2983,
82.9326

■ 73.5212, 80.4781,
100.4667

■ 78.9353, 89.5357,
107.7295

Harmonies

Analogous

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



39.2603, 27.9556, 20.1858



34.8637, 27.9556, 11.1479



28.6278, 27.9556, 7.7984

Triad

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



34.8637, 27.9556, 11.1479



16.5523, 27.9556, 25.0479



30.8632, 27.9556, 74.4669

Complementary

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



34.8637, 27.9556, 11.1479



29.1282, 34.7326, 66.1413

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.



24.6151, 27.9556, 77.3940



34.8637, 27.9556, 11.1479



16.9609, 27.9556, 43.6822

Square

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



34.8637, 27.9556, 11.1479



18.4919, 27.9556, 13.5251



19.7100, 27.9556, 64.5160



36.7152, 27.9556, 57.6041

Rectangle

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



34.8637, 27.9556, 11.1479



24.5313, 27.9556, 7.8164



19.7100, 27.9556, 64.5160



28.7206, 27.9556, 77.3111

Sweetspot

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



34.8644, 27.9571, 11.1484



78.5243, 77.8966, 69.6403



36.7977, 22.3794, 40.9083



16.3420, 16.0399, 13.8333



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.



34.8644, 27.9571, 11.1484



49.6702, 36.5329, 9.6344



45.1667, 48.5617, 14.5825



12.1087, 12.4081, 12.3688



17.4894, 10.9119, 1.1844



1.0488, 0.7518, 0.0898

Inverse Universe

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



29.1282, 34.7326, 66.1413



39.9397, 47.6339, 101.6970



20.0953, 16.6670, 63.1303



11.8308, 12.7518, 15.0815



13.2510, 15.1486, 39.4181



0.8104, 0.9859, 2.2272

Previews

White Background



This preview shows how the XYZ color 34.8637, 27.9556, 11.1479 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 34.8637, 27.9556, 11.1479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

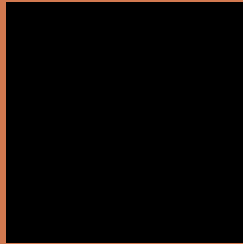
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.8637, 27.9556, 11.1479

Background



This preview shows how black text looks on a background with the XYZ color 34.8637, 27.9556, 11.1479.



This preview shows how white text looks on a background with the XYZ color 34.8637, 27.9556,

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

34.8637, 27.9556, 11.1479

Protanopia

26.0291, 28.2412, 13.5304

Deuteranopia

28.5244, 28.0459, 10.7475



Tritanopia

37.3241, 28.0922, 22.5239

Trichromacy



Original Color

34.8637, 27.9556, 11.1479

Protanomaly

28.6153, 27.6273, 12.6285

Deuteranomaly

30.5771, 27.8572, 10.7866

Tritanomaly

36.3366, 28.0366, 17.6838

Monochromacy



Original Color

34.8637, 27.9556, 11.1479

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.9905, 26.8995, 21.4862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8637, 27.9556, 11.1479 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(210, 121, 80)` looks like.

```
.text, #text, p{  
    color:rgb(210, 121, 80)  
}
```

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(210, 121, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 121, 80) }
```

Border

The CSS property to change the border of an element to XYZ 34.8637, 27.9556, 11.1479 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(210, 121, 80) }
```


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

```
.border{ border-color:rgb(210, 121, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 121, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 121, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 121, 80);  
box-shadow:4px 4px 4px 4px rgb(210, 121,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8637, 27.9556, 11.1479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 121, 80) }
```

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

```
.background{ background-color: rgb(210,  
121, 80) }
```

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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