

Converting Colors

XYZ(33.7389, 27.3757, 11.0952)

Have a look what the booklet for
XYZ(33.7389, 27.3757, 11.0952)
contains.

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Color

**XYZ(33.7389, 27.3757,
11.0952)**

Conversions

Conversions Part 1

Format	Color
Hex	CE7950
RGB	206, 121, 80
RGB Percent	81%, 47%, 31%
CMY	0.1922, 0.5255, 0.6863
CMYK	0.00, 0.41, 0.61, 0.19
HSL	20°, 56%, 56%
HSV	20°, 61%, 81%
XYZ	33.7389, 27.3757, 11.0952
YIQ	141.7410, 63.8210, 5.2690

Conversions

Conversions Part 2

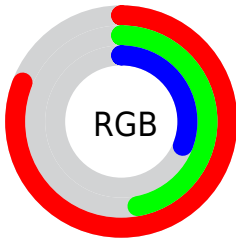
Format	Color
R _Y B	206, 141, 80
Decimal	13531472
CIE _{Lab}	59.32, 29.37, 36.45
CIE _{LCh}	59, 46.806, 51.139
Y _{xy}	27.3757, 0.4672, 0.3791
Android (android.graphics.Color)	4291721552 (0xFFCE7950)
YUV	141.7410, -30.4383, 56.3551
Hunter-Lab	52.3218, 23.5398, 24.0524

Details

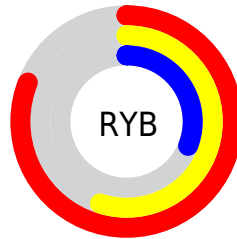
The XYZ color **33.7389, 27.3757, 11.0952** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **27.9031, 33.0701, 63.3047**, and the grayscale version is **25.7082, 27.0471, 29.4542**.

A 20% lighter version of the original color is **60.4053, 53.1438, 28.1932**, and **14.5604, 10.8193, 2.7598** is the 20% darker color. If you saturate the color by 10%, you get **31.5225, 23.9800, 7.1596**, and if you desaturate by 10%, it is **36.4332, 31.3541, 16.3414**.

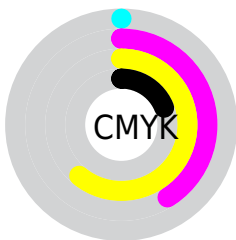
Distribution



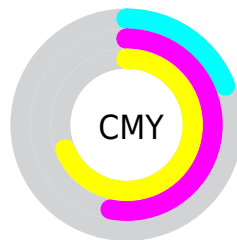
- Red (81%)
- Green (47%)
- Blue (31%)



- Red (81%)
- Yellow (55%)
- Blue (31%)



- Cyan (0%)
- Magenta (41%)
- Yellow (61%)
- Black (19%)





- Cyan (19%)
- Magenta (53%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.7389, 27.3757, 11.0952 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 33.7389, 27.3757, 11.0952 by changing the saturation by 10% instead.


 33.7389, 27.3757,
11.0952


 33.7389, 27.3757,
11.0952

310.5727,
289.4716, 209.0803


 22.8550, 17.8556,
6.0159


 64.8744, 55.4862,
28.4754

 14.6066, 10.8464,
2.7858


 85.8568, 74.8453,
41.6134


 8.6283, 5.9636,
0.9863


 110.9360, 98.2529,
58.2748

 4.5547, 2.8230,
0.0000

 140.4775,
126.0933, 78.8780

 2.0205, 1.0400,
0.0000

 174.8465,
158.7510, 103.8416

 0.6454, 0.0000,
0.0000

214.4085,

 0.0000, 0.0000,

196.6104, 133.5842

0.0000

259.5288,
240.0558, 168.5243

■ 33.7389, 27.3757,
11.0952

■ 33.7389, 27.3757,
11.0952

■ 31.5225, 23.9800,
7.1596

■ 36.4332, 31.3541,
16.3414

■ 29.7495, 21.1332,
4.4134

■ 39.6325, 35.9381,
23.0018

■ 28.3833, 18.8040,
2.7145

■ 43.3639, 41.1545,
31.1710

■ 27.4630, 17.1408,
1.8610

■ 47.6520, 47.0271,
40.9352

■ 52.5196, 53.5783,
52.3738

■ 57.9884, 60.8296,
65.5611

■ 64.0787, 68.8013,
80.5666

■ 70.8099, 77.5130,
97.4563

■ 76.4803, 86.2954,
107.2335

Harmonies

Analogous

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



37.9912, 27.3757, 19.6295



33.7389, 27.3757, 11.0952



27.7921, 27.3757, 7.9565

Triad

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



33.7389, 27.3757, 11.0952



16.4089, 27.3757, 25.1133



30.2930, 27.3757, 71.1077

Complementary

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



33.7389, 27.3757, 11.0952



27.9031, 33.0701, 63.3047

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.



24.3245, 27.3757, 74.3409



33.7389, 27.3757, 11.0952



16.8713, 27.3757, 43.0071

Square

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



33.7389, 27.3757, 11.0952



18.2036, 27.3757, 13.8135



19.5781, 27.3757, 62.6070



35.8035, 27.3757, 54.9480

Rectangle

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



33.7389, 27.3757, 11.0952



23.9056, 27.3757, 8.0491



19.5781, 27.3757, 62.6070



28.2550, 27.3757, 73.9324

Sweetspot

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



33.7395, 27.3771, 11.0957



79.4268, 79.1999, 71.4874



35.2143, 21.6161, 38.4408



16.5246, 16.3076, 14.1942



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.



33.7395, 27.3771, 11.0957



50.2166, 37.5019, 10.1977



43.8143, 47.5266, 14.4539



11.5055, 11.8000, 11.7506



16.9900, 10.7129, 1.1723



0.9455, 0.6908, 0.0835

Inverse Universe

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



27.9031, 33.0701, 63.3047



39.8789, 47.2504, 101.6261



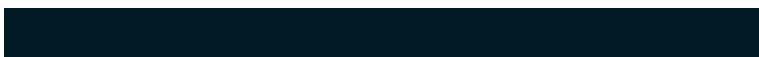
19.3092, 15.8823, 60.4401



11.2236, 12.0876, 14.3120



12.6331, 14.2902, 38.0487



0.7189, 0.8716, 1.9853

Previews

White Background



This preview shows how the XYZ color 33.7389, 27.3757, 11.0952 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 33.7389, 27.3757, 11.0952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

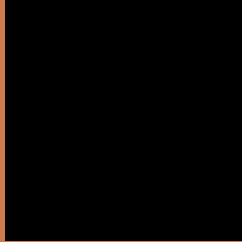
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.7389, 27.3757, 11.0952

Background



This preview shows how black text looks on a background with the XYZ color 33.7389, 27.3757, 11.0952.



This preview shows how white text looks on a background with the XYZ color 33.7389, 27.3757,

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

33.7389, 27.3757, 11.0952

Protanopia

25.2942, 27.4174, 13.1915

Deuteranopia

27.9644, 27.5411, 10.8633



Tritanopia

36.1780, 27.5013, 22.4703

Trichromacy



Original Color

33.7389, 27.3757, 11.0952

Protanomaly

27.7592, 26.9825, 12.3394

Deuteranomaly

29.7411, 27.2218, 10.8945

Tritanomaly

35.1976, 27.4495, 17.6305

Monochromacy



Original Color

33.7389, 27.3757, 11.0952

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.3719, 26.3814, 21.1022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7389, 27.3757, 11.0952 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(206, 121, 80)` looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 121, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 121, 80) }
```

Border

The CSS property to change the border of an element to XYZ 33.7389, 27.3757, 11.0952 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(206, 121, 80) }
```


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

```
.border{ border-color:rgb(206, 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(206, 121, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 121, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 121, 80);  
box-shadow:4px 4px 4px 4px rgb(206, 121,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7389, 27.3757, 11.0952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 121, 80) }
```

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

```
.background{ background-color: rgb(206,  
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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