

Converting Colors

XYZ(34.0155, 27.2929, 13.1481)

Have a look what the booklet for
XYZ(34.0155, 27.2929, 13.1481)
contains.

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Color

**XYZ(34.0155, 27.2929,
13.1481)**

Conversions

Conversions Part 1

Format	Color
Hex	CE785A
RGB	206, 120, 90
RGB Percent	81%, 47%, 35%
CMY	0.1922, 0.5294, 0.6471
CMYK	0.00, 0.42, 0.56, 0.19
HSL	16°, 54%, 58%
HSV	16°, 56%, 81%
XYZ	34.0155, 27.2929, 13.1481
YIQ	142.2940, 60.8860, 8.9020

Conversions

Conversions Part 2

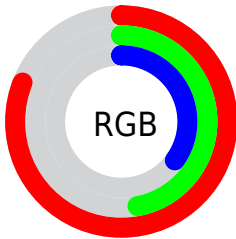
Format	Color
RYB	206, 130, 90
Decimal	13531226
CIELab	59.24, 30.66, 30.88
CIELCh	59, 43.514, 45.202
Yxy	27.2929, 0.4569, 0.3666
Android (android.graphics.Color)	4291721306 (0xFFCE785A)
YUV	142.2940, -25.7809, 55.8702
Hunter-Lab	52.2426, 24.7979, 21.6481

Details

The XYZ color **34.0155, 27.2929, 13.1481** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **30.8814, 37.6786, 64.0373**, and the grayscale version is **25.9104, 27.2597, 29.6858**.

A 20% lighter version of the original color is **60.9913, 53.0702, 32.2283**, and **14.8389, 10.8506, 3.5978** is the 20% darker color. If you saturate the color by 10%, you get **31.5647, 23.6055, 8.5884**, and if you desaturate by 10%, it is **37.0035, 31.6661, 19.0859**.

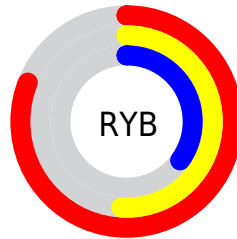
Distribution



Red (81%)

Green (47%)

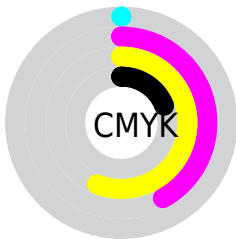
Blue (35%)



Red (81%)

Yellow (51%)

Blue (35%)

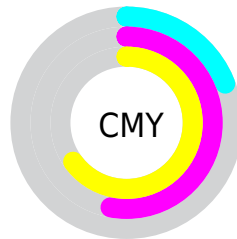


Cyan (0%)

Magenta (42%)

Yellow (56%)

Black (19%)



Cyan (19%)


Magenta (53%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0155, 27.2929, 13.1481 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 34.0155, 27.2929, 13.1481 by changing the saturation by 10% instead.


 34.0155, 27.2929,
13.1481


 34.0155, 27.2929,
13.1481


311.7859,
289.0725, 223.1057


 23.0685, 17.7933,
7.3987

 65.3019, 55.3535,
32.2647


 14.7650, 10.8017,
3.6305


 86.3720, 74.6834,
46.4689


 8.7399, 5.9337,
1.4249


 111.5471, 98.0587,
64.3285

 4.6277, 2.8048,
0.1610

 141.1926,
125.8640, 86.2620

 2.0630, 1.0307,
0.0000

 175.6739,
158.4837, 112.6879

 0.6690, 0.0000,
0.0000

215.3563,

 0.0000, 0.0000,

196.3020, 144.0248

0.0000

260.6052,
239.7035, 180.6912

■ 34.0155, 27.2929,
13.1481

■ 34.0155, 27.2929,
13.1481

■ 31.5647, 23.6055,
8.5884

■ 37.0035, 31.6661,
19.0859

■ 29.6147, 20.5639,
5.2921

■ 40.5580, 36.7542,
26.5009

■ 28.1271, 18.1297,
3.1282

■ 44.7082, 42.5894,
35.4846

■ 27.0550, 16.2581,
1.9305

■ 49.4810, 49.2008,
46.1207

■ 26.7396, 15.6940,
1.6199

■ 54.9012, 56.6160,
58.4870

■ 60.9924, 64.8609,
72.6562

■ 67.7771, 73.9607,
88.6969

■ 75.2764, 83.9390,
106.6741

■ 79.2635, 91.8617,
108.1612

Harmonies

Analogous

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



37.3778, 27.2929, 22.5457



34.0155, 27.2929, 13.1481



28.7004, 27.2929, 9.1684

Triad

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



34.0155, 27.2929, 13.1481



17.0991, 27.2929, 22.7153



28.7764, 27.2929, 68.9217

Complementary

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



34.0155, 27.2929, 13.1481



30.8814, 37.6786, 64.0373

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.



23.3646, 27.2929, 69.0172



34.0155, 27.2929, 13.1481



17.1135, 27.2929, 38.2682

Square

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



34.0155, 27.2929, 13.1481



19.2151, 27.2929, 13.2347



19.2577, 27.2929, 56.3870



34.0778, 27.2929, 56.1591

Rectangle

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



34.0155, 27.2929, 13.1481



25.0059, 27.2929, 8.7775



19.2577, 27.2929, 56.3870



26.8993, 27.2929, 70.5520

Sweetspot

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



34.0162, 27.2943, 13.1486



79.4307, 78.6981, 73.0599



37.0455, 23.6086, 44.1993



16.6510, 16.3611, 14.8508



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.



34.0162, 27.2943, 13.1486



50.2667, 36.9008, 12.3763



43.0211, 45.3042, 16.1503



11.4443, 11.6776, 11.7303



16.5328, 9.7986, 1.0199



0.9160, 0.6316, 0.0736

Inverse Universe

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



30.8814, 37.6786, 64.0373



44.5780, 55.1620, 102.9056



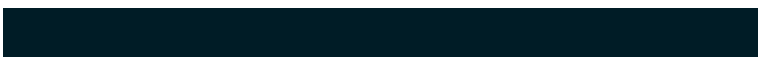
21.9540, 19.8238, 61.0615



11.2881, 12.2167, 14.3335



13.9276, 16.8793, 38.4802



0.7776, 0.9891, 2.0049

Previews

White Background



This preview shows how the XYZ color 34.0155, 27.2929, 13.1481 looks on a white background.

Color Contrast Check

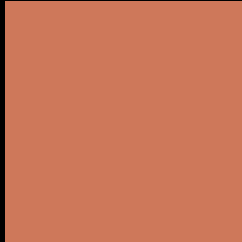
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.0155, 27.2929, 13.1481 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 34.0155, 27.2929, 13.1481

Background



This preview shows how black text looks on a background with the XYZ color 34.0155, 27.2929, 13.1481.



This preview shows how white text looks on a background with the XYZ color 34.0155, 27.2929,

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

34.0155, 27.2929, 13.1481

Protanopia

25.5922, 27.5143, 15.7663

Deuteranopia

27.8995, 27.4637, 12.8474



Tritanopia

35.7812, 27.1266, 22.4189

Trichromacy



Original Color

34.0155, 27.2929, 13.1481

Protanomaly

28.2309, 27.1711, 14.8230

Deuteranomaly

29.8853, 27.2515, 12.9174

Tritanomaly

35.0180, 27.1578, 18.7256

Monochromacy



Original Color

34.0155, 27.2929, 13.1481

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.6173, 26.4796, 22.3944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0155, 27.2929, 13.1481 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, 120, 90)` looks like.

```
.text, #text, p{  
    color:rgb(206, 120, 90)  
}
```

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, 120, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 120, 90) }
```

Border

The CSS property to change the border of an element to XYZ 34.0155, 27.2929, 13.1481 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, 120, 90) }
```


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

```
.border{ border-color:rgb(206, 120, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 120, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 120, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 120, 90);  
box-shadow:4px 4px 4px 4px rgb(206, 120,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0155, 27.2929, 13.1481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 120, 90) }
```

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

```
.background{ background-color: rgb(206,  
120, 90) }
```

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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