

Converting Colors

XYZ(34.9154, 27.9109, 14.3736)

Have a look what the booklet for
XYZ(34.9154, 27.9109, 14.3736)
contains.

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Color

**XYZ(34.9154, 27.9109,
14.3736)**

Conversions

Conversions Part 1

Format	Color
Hex	D0795F
RGB	208, 121, 95
RGB Percent	82%, 47%, 37%
CMY	0.1843, 0.5255, 0.6274
CMYK	0.00, 0.42, 0.54, 0.18
HSL	14°, 55%, 59%
HSV	14°, 54%, 82%
XYZ	34.9154, 27.9109, 14.3736
YIQ	144.0490, 60.1980, 10.3580

Conversions

Conversions Part 2

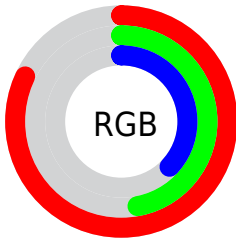
Format	Color
R_{YB}	208, 129, 95
Decimal	13662559
CIE _{Lab}	59.81, 31.33, 28.87
CIE _{LCh}	60, 42.605, 42.655
Yxy	27.9109, 0.4523, 0.3615
Android (android.graphics.Color)	4291852639 (0xFFD0795F)
YUV	144.0490, -24.1812, 56.0850
Hunter-Lab	52.8308, 25.5153, 20.8506

Details

The XYZ color **34.9154, 27.9109, 14.3736** 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 **32.8315, 40.4408, 65.7498**, and the grayscale version is **26.6071, 27.9927, 30.4841**.

A 20% lighter version of the original color is **61.5644, 53.6074, 34.2966**, and **15.3644, 11.2039, 4.1491** is the 20% darker color. If you saturate the color by 10%, you get **32.3060, 24.0087, 9.4456**, and if you desaturate by 10%, it is **38.1016, 32.5630, 20.7396**.

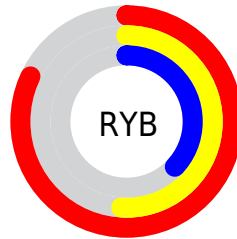
Distribution



Red (82%)

Green (47%)

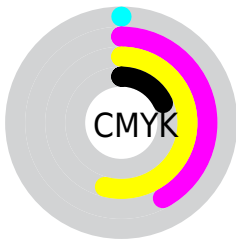
Blue (37%)



Red (82%)

Yellow (51%)

Blue (37%)

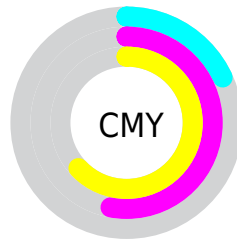


Cyan (0%)

Magenta (42%)

Yellow (54%)

Black (18%)



Cyan (18%)


Magenta (53%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9154, 27.9109, 14.3736 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 34.9154, 27.9109, 14.3736 by changing the saturation by 10% instead.


 34.9154, 27.9109,
14.3736


 34.9154, 27.9109,
14.3736


315.7093,
292.0409, 231.0515


 23.7639, 18.2585,
8.2393


 66.6896, 56.3422,
34.4771


 15.2824, 11.1357,
4.1585


 88.0430, 75.8898,
49.2833

 9.1054, 6.1582,
1.7127

 113.5277, 99.5047,
67.8173

 4.8677, 2.9415,
0.3694

 143.5092,
127.5711, 90.4974

 2.2038, 1.1013,
0.0000

178.3528,
160.4736, 117.7424

 0.7447, 0.0000,
0.0000

218.4237,

 0.0000, 0.0000,

198.5965, 149.9707

0.0000

264.0874,
242.3241, 187.6009

■ 34.9154, 27.9109,
14.3736

■ 34.9154, 27.9109,
14.3736

■ 32.3060, 24.0087,
9.4456

■ 38.1016, 32.5630,
20.7396

■ 30.2349, 20.8120,
5.8403

■ 41.8957, 37.9977,
28.6433

■ 28.6617, 18.2781,
3.4271

■ 46.3289, 44.2508,
38.1776

■ 27.5383, 16.3576,
2.0474

■ 51.4297, 51.3548,
49.4273

■ 27.0639, 15.5130,
1.5679

■ 57.2247, 59.3403,
62.4713

■ 63.7391, 68.2363,
77.3836

■ 70.9968, 78.0705,
94.2342

■ 77.9725, 88.4502,
107.5708

■ 79.8223, 92.1499,
108.1874

Harmonies

Analogous

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



37.9960, 27.9109, 24.3335



34.9154, 27.9109, 14.3736



29.7440, 27.9109, 9.9339

Triad

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



34.9154, 27.9109, 14.3736



17.8051, 27.9109, 22.3633



28.8674, 27.9109, 69.5871

Complementary

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



34.9154, 27.9109, 14.3736



32.8315, 40.4408, 65.7498

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.



23.5535, 27.9109, 68.4992



34.9154, 27.9109, 14.3736



17.6371, 27.9109, 37.3769

Square

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



34.9154, 27.9109, 14.3736



20.1002, 27.9109, 13.3546



19.6052, 27.9109, 55.3020



34.1991, 27.9109, 57.9053

Rectangle

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



34.9154, 27.9109, 14.3736



26.0507, 27.9109, 9.3208



19.6052, 27.9109, 55.3020



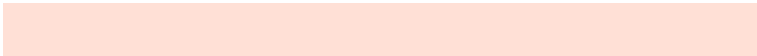
27.0120, 27.9109, 70.7928

Sweetspot

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



34.9161, 27.9123, 14.3741



79.9486, 79.2162, 74.8288



38.7058, 25.0350, 47.8745



16.7417, 16.4406, 15.1954



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.



34.9161, 27.9123, 14.3741



50.6941, 37.2664, 14.0276



43.6001, 45.2803, 17.2688



12.0264, 12.2434, 12.3414



16.9291, 9.7913, 0.9976



1.0084, 0.6711, 0.0764

Inverse Universe

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



32.8315, 40.4408, 65.7498



46.9694, 58.9074, 103.5024



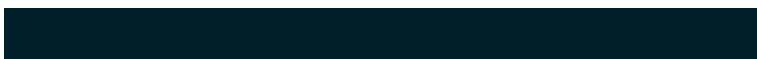
23.6962, 22.1703, 62.7047



11.9181, 12.9265, 15.1106



15.0212, 18.6890, 40.0081



0.8975, 1.1603, 2.2562

Previews

White Background



This preview shows how the XYZ color 34.9154, 27.9109, 14.3736 looks on a white background.

Color Contrast Check

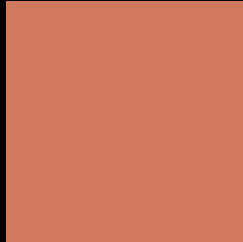
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.9154, 27.9109, 14.3736 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 34.9154, 27.9109, 14.3736

Background



This preview shows how black text looks on a background with the XYZ color 34.9154, 27.9109, 14.3736.



This preview shows how white text looks on a background with the XYZ color 34.9154, 27.9109,

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

34.9154, 27.9109, 14.3736

Protanopia

26.0406, 27.9350, 17.3841

Deuteranopia

28.4758, 27.9483, 14.0189



Tritanopia

36.6413, 27.9049, 22.8570

Trichromacy



Original Color

34.9154, 27.9109, 14.3736

Protanomaly

28.6087, 27.5466, 16.1211

Deuteranomaly

30.4767, 27.7319, 14.1024

Tritanomaly

35.8102, 27.7271, 19.3840

Monochromacy



Original Color

34.9154, 27.9109, 14.3736

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.5064, 27.3302, 23.5115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9154, 27.9109, 14.3736 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(208, 121, 95)` looks like.

```
.text, #text, p{  
    color:rgb(208, 121, 95)  
}
```

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(208, 121, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 121, 95) }
```

Border

The CSS property to change the border of an element to XYZ 34.9154, 27.9109, 14.3736 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(208, 121, 95) }
```


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

```
.border{ border-color:rgb(208, 121, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 121, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 121, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 121, 95);  
box-shadow:4px 4px 4px 4px rgb(208, 121,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9154, 27.9109, 14.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 121, 95) }
```

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

```
.background{ background-color: rgb(208,  
121, 95) }
```

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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