

Converting Colors

XYZ(35.0412, 29.1448, 13.6492)

Have a look what the booklet for
XYZ(35.0412, 29.1448, 13.6492)
contains.

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Color

**XYZ(34.9313, 29.0559,
13.6648)**

Conversions

Conversions Part 1

Format	Color
Hex	CE7F5B
RGB	206, 127, 91
RGB Percent	81%, 50%, 36%
CMY	0.1922, 0.5019, 0.6431
CMYK	0.00, 0.38, 0.56, 0.19
HSL	19°, 54%, 58%
HSV	19°, 56%, 81%
XYZ	34.9313, 29.0559, 13.6648
YIQ	146.5170, 58.6400, 5.5520

Conversions

Conversions Part 2

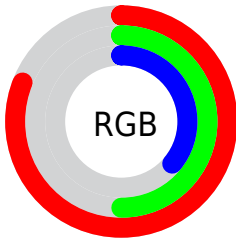
Format	Color
R_{YB}	206, 143, 91
Decimal	13533019
CIE _{Lab}	60.83, 26.98, 32.33
CIE _{LCh}	61, 42.112, 50.158
Yxy	29.0559, 0.4498, 0.3742
Android (android.graphics.Color)	4291723099 (0xFFCE7F5B)
YUV	146.5170, -27.3699, 52.1666
Hunter-Lab	53.9035, 21.3428, 22.7022

Details

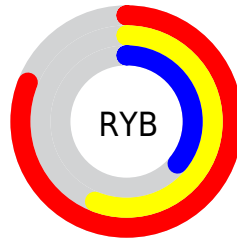
The XYZ color **34.9313, 29.0559, 13.6648** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **29.8288, 35.4280, 63.6584**, and the grayscale version is **27.6269, 29.0656, 31.6525**.

A 20% lighter version of the original color is **62.4437, 55.8555, 33.0812**, and **15.3212, 11.7855, 3.8502** is the 20% darker color. If you saturate the color by 10%, you get **32.4607, 25.3471, 9.0426**, and if you desaturate by 10%, it is **37.9039, 33.3786, 19.6581**.

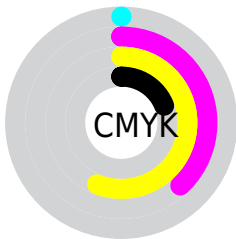
Distribution



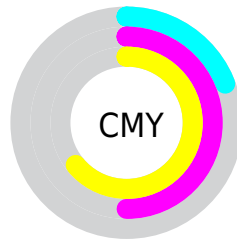
- Red (81%)
- Green (50%)
- Blue (36%)



- Red (81%)
- Yellow (56%)
- Blue (36%)



- Cyan (0%)
- Magenta (38%)
- Yellow (56%)
- Black (19%)





- Cyan (19%)
- Magenta (50%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9313, 29.0559, 13.6648 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 34.9313, 29.0559, 13.6648 by changing the saturation by 10% instead.


 34.9313, 29.0559,
13.6648


 34.9313, 29.0559,
13.6648


315.7783,
297.4786, 226.4909

 23.7762, 19.1231,
7.7518


 66.7141, 58.1659,
33.2016

 15.2915, 11.7593,
3.8511


 88.0724, 78.1119,
47.6625

 9.1119, 6.5800,
1.5440


 113.5626,
102.1644, 65.8098

 4.8719, 3.2008,
0.2504

 143.5500,
130.7078, 88.0620

 2.2063, 1.2375,
0.0000

178.3999,
164.1266, 114.8377

 0.7461, 0.0920,
0.0000

218.4777,

 0.0000, 0.0000,

202.8050, 146.5553

0.0000

264.1487,
247.1276, 183.6336

■ 34.9313, 29.0559,
13.6648

■ 34.9313, 29.0559,
13.6648

■ 32.4607, 25.3471,
9.0426

■ 37.9039, 33.3786,
19.6581

■ 30.4589, 22.2183,
5.6784

■ 41.4046, 38.3381,
27.1198

■ 28.8913, 19.6386,
3.4434

■ 45.4600, 43.9614,
36.1404

■ 27.7162, 17.5717,
2.1779

■ 50.0942, 50.2725,
46.8023

■ 27.3150, 16.8447,
1.8117

■ 55.3299, 57.2943,
59.1823

■ 61.1885, 65.0486,
73.3522

■ 67.6902, 73.5560,
89.3797

■ 74.7251, 82.7849,
106.6484

■ 79.0594, 91.4535,
108.0932

Harmonies

Analogous

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



38.7344, 29.0559, 22.3367



34.9313, 29.0559, 13.6648



29.4570, 29.0559, 10.2480

Triad

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



34.9313, 29.0559, 13.6648



18.4827, 29.0559, 26.7547



31.4088, 29.0559, 69.2549

Complementary

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



34.9313, 29.0559, 13.6648



29.8288, 35.4280, 63.6584

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.



25.8548, 29.0559, 71.6493



34.9313, 29.0559, 13.6648



18.8604, 29.0559, 43.2154

Square

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



34.9313, 29.0559, 13.6648



20.2917, 29.0559, 15.9761



21.4020, 29.0559, 60.9187



36.5215, 29.0559, 55.1720

Rectangle

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



34.9313, 29.0559, 13.6648



25.8001, 29.0559, 10.2616



21.4020, 29.0559, 60.9187



29.5168, 29.0559, 71.5994

Sweetspot

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



34.9320, 29.0574, 13.6653



80.0649, 79.9666, 73.2713



36.5931, 23.5635, 41.3980



16.7995, 16.6582, 14.9003



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.



34.9320, 29.0574, 13.6653



51.8832, 39.9766, 13.4001



44.2753, 47.7440, 16.7798



11.4941, 11.7772, 11.7469



16.8968, 10.5266, 1.1413



0.9398, 0.6792, 0.0816

Inverse Universe

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



29.8288, 35.4280, 63.6584



42.7251, 51.1227, 102.2236



21.4725, 18.7153, 60.8729



11.2355, 12.1114, 14.3159



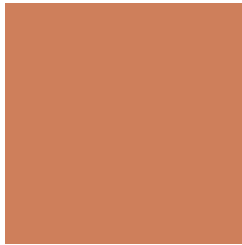
12.8611, 14.7461, 38.1247



0.7294, 0.8926, 1.9888

Previews

White Background



This preview shows how the XYZ color 34.9313, 29.0559, 13.6648 looks on a white background.

Color Contrast Check

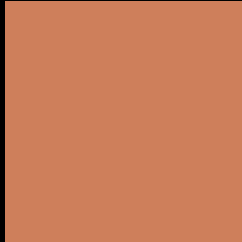
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.9313, 29.0559, 13.6648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

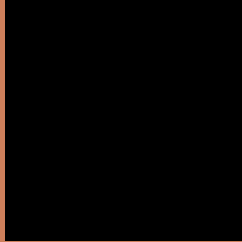
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.9313, 29.0559, 13.6648

Background



This preview shows how black text looks on a background with the XYZ color 34.9313, 29.0559, 13.6648.



This preview shows how white text looks on a background with the XYZ color 34.9313, 29.0559,

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

34.9313, 29.0559, 13.6648

Protanopia

27.1831, 29.2419, 16.0159

Deuteranopia

29.8767, 29.3380, 13.3207



Tritanopia

37.3508, 29.1131, 25.1235

Trichromacy



Original Color

34.9313, 29.0559, 13.6648

Protanomaly

29.6209, 28.9478, 15.0926

Deuteranomaly

31.5936, 29.1484, 13.4122

Tritanomaly

36.3725, 29.0862, 20.2201

Monochromacy



Original Color

34.9313, 29.0559, 13.6648

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.3573, 28.6133, 24.0543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9313, 29.0559, 13.6648 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, 127, 91)` looks like.

```
.text, #text, p{  
    color:rgb(206, 127, 91)  
}
```

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, 127, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 127, 91) }
```

Border

The CSS property to change the border of an element to XYZ 34.9313, 29.0559, 13.6648 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, 127, 91) }
```


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

```
.border{ border-color:rgb(206, 127, 91) }
```

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

Here you see how a box with a 4 pixel rgb(206, 127, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 127, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 127, 91);  
box-shadow:4px 4px 4px 4px rgb(206, 127,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9313, 29.0559, 13.6648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 127, 91) }
```

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

```
.background{ background-color: rgb(206,  
127, 91) }
```

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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