

Converting Colors

XYZ(34.3592, 26.5792, 15.7641)

Have a look what the booklet for
XYZ(34.3592, 26.5792, 15.7641)
contains.

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Color

**XYZ(34.2611, 26.4862,
15.8770)**

Conversions

Conversions Part 1

Format	Color
Hex	CF7366
RGB	207, 115, 102
RGB Percent	81%, 45%, 40%
CMY	0.1882, 0.5490, 0.6000
CMYK	0.00, 0.44, 0.51, 0.19
HSL	7°, 52%, 61%
HSV	7°, 51%, 81%
XYZ	34.2611, 26.4862, 15.8770
YIQ	141.0260, 59.0050, 15.4610

Conversions

Conversions Part 2

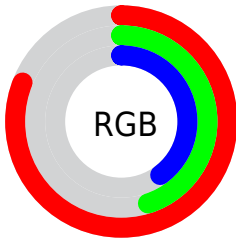
Format	Color
R_{YB}	207, 117, 102
Decimal	13595494
CIE _{Lab}	58.50, 34.74, 23.17
CIE _{LCh}	58, 41.759, 33.704
Yxy	26.4862, 0.4471, 0.3457
Android (android.graphics.Color)	4291785574 (0xFFCF7366)
YUV	141.0260, -19.2398, 57.8592
Hunter-Lab	51.4647, 28.7677, 17.7342

Details

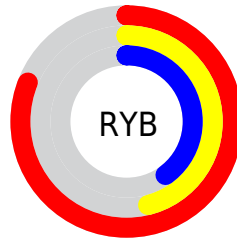
The XYZ color **34.2611, 26.4862, 15.8770** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.0325, 45.9108, 65.9937**, and the grayscale version is **25.3852, 26.7072, 29.0842**.

A 20% lighter version of the original color is **60.9924, 51.5652, 36.8754**, and **14.9743, 10.4460, 4.8415** is the 20% darker color. If you saturate the color by 10%, you get **31.4912, 22.3894, 10.5057**, and if you desaturate by 10%, it is **37.6955, 31.5020, 22.7347**.

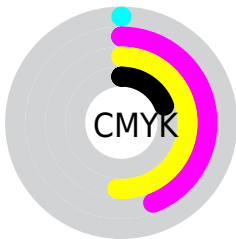
Distribution



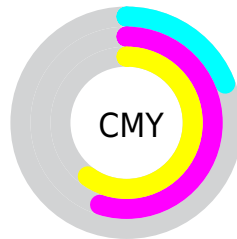
- Red (81%)
- Green (45%)
- Blue (40%)



- Red (81%)
- Yellow (46%)
- Blue (40%)



- Cyan (0%)
- Magenta (44%)
- Yellow (51%)
- Black (19%)





- Cyan (19%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2611, 26.4862, 15.8770 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 34.2611, 26.4862, 15.8770 by changing the saturation by 10% instead.


 34.2611, 26.4862,
15.8770


 34.2611, 26.4862,
15.8770


312.8602,
285.1607, 240.4357


 23.2581, 17.1877,
9.2837

 65.6811, 54.0583,
37.1484


 14.9059, 10.3684,
4.8274


 86.8288, 73.1007,
52.6635

 8.8393, 5.6439,
2.0894


 112.0888, 96.1598,
71.9898

 4.6928, 2.6298,
0.6094

 141.8264,
123.6201, 95.5456

 2.1010, 0.9417,
0.0000

176.4070,
155.8659, 123.7496

 0.6898, 0.0000,
0.0000

216.1959,

 0.0000, 0.0000,

193.2817, 157.0202

0.0000

261.5585,
236.2519, 195.7761

■ 34.2611, 26.4862,
15.8770

■ 34.2611, 26.4862,
15.8770

■ 31.4912, 22.3894,
10.5057

■ 37.6955, 31.5020,
22.7347

■ 29.3404, 19.1517,
6.5090

■ 41.8318, 37.4836,
31.1765

■ 27.7607, 16.7126,
3.7614

■ 46.7071, 44.4797,
41.2935

■ 26.6957, 15.0019,
2.1138

■ 52.3553, 52.5344,
53.1696

■ 26.0934, 13.9882,
1.3247

■ 58.8079, 61.6891,
66.8828

■ 66.0950, 71.9833,
82.5066

■ 74.2449, 83.4542,
100.1106

■ 79.5420, 92.0053,
108.1742

Harmonies

Analogous

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



36.3026, 26.4862, 27.0598



34.2611, 26.4862, 15.8770



29.7810, 26.4862, 10.2574

Triad

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



34.2611, 26.4862, 15.8770



17.3557, 26.4862, 18.0863



25.8141, 26.4862, 67.0010

Complementary

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



34.2611, 26.4862, 15.8770



36.0325, 45.9108, 65.9937

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.



21.0691, 26.4862, 62.1214



34.2611, 26.4862, 15.8770



16.5901, 26.4862, 30.6944

Square

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



34.2611, 26.4862, 15.8770



20.1081, 26.4862, 11.1969



17.8556, 26.4862, 47.4329



31.0272, 26.4862, 59.1397

Rectangle

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



34.2611, 26.4862, 15.8770



26.2669, 26.4862, 8.9420



17.8556, 26.4862, 47.4329



24.1125, 26.4862, 66.8066

Sweetspot

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



34.2618, 26.4876, 15.8775



79.7173, 78.2276, 76.3732



40.3055, 26.6971, 54.5102



16.6525, 16.1587, 15.4849



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.



34.2618, 26.4876, 15.8775



50.0769, 35.2958, 16.0909



41.9033, 41.7706, 18.4247



11.9251, 12.0408, 12.3076



16.4777, 8.8885, 0.8472



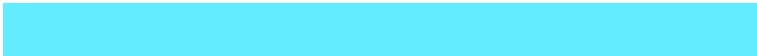
0.9613, 0.5770, 0.0607

Inverse Universe

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



36.0325, 45.9108, 65.9937



53.1637, 69.7356, 105.2660



26.4524, 26.7504, 62.8003



12.0282, 13.1467, 15.1473



17.6004, 23.8473, 40.8679



1.0200, 1.4052, 2.2970

Previews

White Background



This preview shows how the XYZ color 34.2611, 26.4862, 15.8770 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 34.2611, 26.4862, 15.8770 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 34.2611, 26.4862, 15.8770

Background



This preview shows how black text looks on a background with the XYZ color 34.2611, 26.4862, 15.8770.



This preview shows how white text looks on a background with the XYZ color 34.2611, 26.4862,

15.8770.

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

34.2611, 26.4862, 15.8770

Protanopia

25.1398, 26.7487, 19.7576

Deuteranopia

27.0170, 26.5346, 15.2530



Tritanopia

35.1968, 26.3543, 21.0011

Trichromacy



Original Color

34.2611, 26.4862, 15.8770

Protanomaly

27.8603, 26.2862, 18.3572

Deuteranomaly

29.2627, 26.2843, 15.3354

Tritanomaly

34.8982, 26.4124, 18.8816

Monochromacy



Original Color

34.2611, 26.4862, 15.8770

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.5991, 26.0342, 23.6491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2611, 26.4862, 15.8770 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(207, 115, 102)` looks like.

```
.text, #text, p{  
    color:rgb(207, 115, 102)  
}
```

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(207, 115, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 115, 102) }
```

Border

The CSS property to change the border of an element to XYZ 34.2611, 26.4862, 15.8770 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(207, 115, 102) }
```


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

```
.border{ border-color:rgb(207, 115, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 115, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 115, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 115, 102);  
box-shadow:4px 4px 4px 4px rgb(207, 115,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2611, 26.4862, 15.8770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 115, 102) }
```

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

```
.background{ background-color: rgb(207,  
115, 102) }
```

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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