

Converting Colors

XYZ(25.9711, 16.8698, 3.4642)

Have a look what the booklet for
XYZ(25.9711, 16.8698, 3.4642)
contains.

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Color

**XYZ(25.9746, 16.8922,
3.4816)**

Conversions

Conversions Part 1

Format	Color
Hex	C64923
RGB	198, 73, 35
RGB Percent	78%, 29%, 14%
CMY	0.2235, 0.7137, 0.8627
CMYK	0.00, 0.63, 0.82, 0.22
HSL	14°, 70%, 46%
HSV	14°, 82%, 78%
XYZ	25.9746, 16.8922, 3.4816
YIQ	106.0430, 86.6980, 14.6820

Conversions

Conversions Part 2

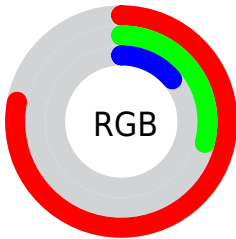
Format	Color
R_{YB}	198, 85, 35
Decimal	12994851
CIE _{Lab}	48.12, 48.07, 47.08
CIE _{LCh}	48, 67.286, 44.401
Yxy	16.8922, 0.5604, 0.3645
Android (android.graphics.Color)	4291184931 (0xFFC64923)
YUV	106.0430, -35.0242, 80.6463
Hunter-Lab	41.1001, 40.8838, 23.7476

Details

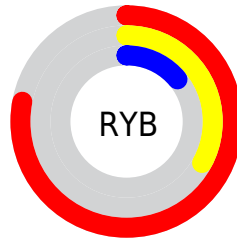
The XYZ color **25.9746, 16.8922, 3.4816** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **23.4556, 29.5734, 57.8976**, and the grayscale version is **13.7885, 14.5066, 15.7977**.

A 20% lighter version of the original color is **50.3907, 37.0633, 12.6817**, and **10.4480, 5.5813, 0.5266** is the 20% darker color. If you saturate the color by 10%, you get **24.8804, 15.0492, 2.0529**, and if you desaturate by 10%, it is **27.4788, 19.2905, 5.8646**.

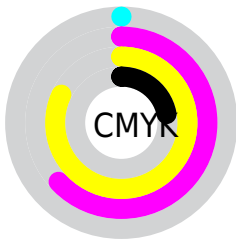
Distribution



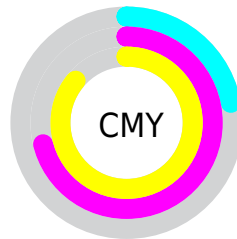
- Red (78%)
- Green (29%)
- Blue (14%)



- Red (78%)
- Yellow (33%)
- Blue (14%)



- Cyan (0%)
- Magenta (63%)
- Yellow (82%)
- Black (22%)





- Cyan (22%)
- Magenta (71%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9746, 16.8922, 3.4816 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 25.9746, 16.8922, 3.4816 by changing the saturation by 10% instead.


 25.9746, 16.8922,
3.4816


 25.9746, 16.8922,
3.4816


274.9164,
234.5504, 142.2762


 16.9372, 10.1577,
1.3455


 52.6656, 38.1403,
12.7953

 10.2848, 5.5036,
0.0986


 71.0499, 53.4227,
20.8101

 5.6519, 2.5457,
0.0000

 93.2805, 72.3232,
31.6214

 2.6732, 0.8994,
0.0000

 119.7228, 95.2261,
45.6479

 0.9834, 0.0000,
0.0000

 150.7422,
122.5159, 63.3081

 0.0000, 0.0000,
0.0000

 186.7041,

154.5770, 85.0205

227.9736,
191.7937, 111.2037

25.9746, 16.8922,
3.4816

25.9746, 16.8922,
3.4816

24.8804, 15.0492,
2.0529

27.4788, 19.2905,
5.8646

24.2721, 13.9728,
1.4177

29.4324, 22.2833,
9.3351

31.8712, 25.9096,
14.0055

34.8265, 30.2037,
19.9739

38.3270, 35.1976,
27.3283

■ 42.3992, 40.9212,
36.1488

■ 47.0678, 47.4026,
46.5094

■ 52.3561, 54.6682,
58.4792

■ 58.2859, 62.7434,
72.1229

Harmonies

Analogous

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



30.3012, 16.8922, 11.2411



25.9746, 16.8922, 3.4816



19.4195, 16.8922, 1.3034

Triad

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



25.9746, 16.8922, 3.4816



7.2028, 16.8922, 10.7599



19.1520, 16.8922, 73.8600

Complementary

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



25.9746, 16.8922, 3.4816



23.4556, 29.5734, 57.8976

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.



13.1044, 16.8922, 73.4020



25.9746, 16.8922, 3.4816



7.1657, 16.8922, 28.0728

Square

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



25.9746, 16.8922, 3.4816



9.1694, 16.8922, 3.3205



9.0506, 16.8922, 53.3145



25.7365, 16.8922, 54.3298

Rectangle

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



25.9746, 16.8922, 3.4816



15.1724, 16.8922, 1.1181



9.0506, 16.8922, 53.3145



16.9723, 16.8922, 76.3022

Sweetspot

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



25.9750, 16.8932, 3.4819



72.7705, 69.2306, 58.9620



30.4721, 15.8408, 35.9531



15.0243, 14.0430, 11.4250



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.



25.9750, 16.8932, 3.4819



42.9449, 24.6475, 2.5672



34.7904, 34.5240, 6.4203



10.8313, 11.0317, 11.1212



15.8401, 9.1973, 0.9404



0.8075, 0.5504, 0.0637

Inverse Universe

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



23.4556, 29.5734, 57.8976



37.8523, 46.7773, 101.6416



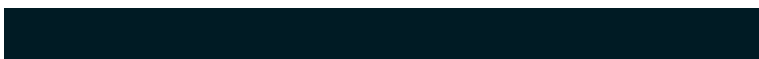
13.8422, 10.3468, 54.6932



10.7290, 11.6320, 13.5972



13.9809, 17.3557, 37.3575



0.7145, 0.9268, 1.7864

Previews

White Background



This preview shows how the XYZ color 25.9746, 16.8922, 3.4816 looks on a white 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

Black Background



This preview shows how the XYZ color 25.9746, 16.8922, 3.4816 looks on a black 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

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

XYZ 25.9746, 16.8922, 3.4816

Background



This preview shows how black text looks on a background with the XYZ color 25.9746, 16.8922, 3.4816.



This preview shows how white text looks on a background with the XYZ color 25.9746, 16.8922,

3.4816.

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

25.9746, 16.8922, 3.4816

Protanopia

15.5260, 17.0479, 5.0570

Deuteranopia

17.2905, 17.0149, 3.1320



Tritanopia

26.8839, 16.8794, 8.1444

Trichromacy



Original Color

25.9746, 16.8922, 3.4816

Protanomaly

18.1120, 16.0538, 4.3346

Deuteranomaly

19.6905, 16.3374, 3.1525

Tritanomaly

26.5328, 16.8382, 5.9893

Monochromacy



Original Color

25.9746, 16.8922, 3.4816

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

16.0981, 14.0736, 9.4574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9746, 16.8922, 3.4816 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(198, 73, 35)` looks like.

```
.text, #text, p{  
    color:rgb(198, 73, 35)  
}
```

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(198, 73, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 73, 35) }
```

Border

The CSS property to change the border of an element to XYZ 25.9746, 16.8922, 3.4816 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(198, 73, 35) }
```


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

```
.border{ border-color:rgb(198, 73, 35) }
```

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

Here you see how a box with a 4 pixel rgb(198, 73, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 73, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 73, 35);  
box-shadow:4px 4px 4px 4px rgb(198, 73,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9746, 16.8922, 3.4816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 73, 35) }
```

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

```
.background{ background-color: rgb(198, 73,  
35) }
```

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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