

Converting Colors

XYZ(26.2098, 16.1872, 6.8310)

Have a look what the booklet for
XYZ(26.2098, 16.1872, 6.8310)
contains.

XYZ(26.1624, 16.1797, 6.8983)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.1624, 16.1797,
6.8983)**

Conversions

Conversions Part 1

Format	Color
Hex	C64142
RGB	198, 65, 66
RGB Percent	78%, 25%, 26%
CMY	0.2235, 0.7451, 0.7412
CMYK	0.00, 0.67, 0.67, 0.22
HSL	360°, 54%, 52%
HSV	360°, 67%, 78%
XYZ	26.1624, 16.1797, 6.8983
YIQ	104.8810, 78.9470, 28.5070

Conversions

Conversions Part 2

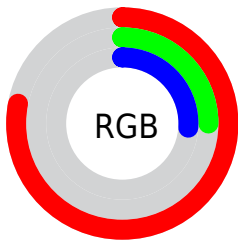
Format	Color
RYB	198, 65, 66
Decimal	12992834
CIELab	47.21, 52.80, 29.25
CIELCh	47, 60.357, 28.989
Yxy	16.1797, 0.5313, 0.3286
Android (android.graphics.Color)	4291182914 (0xFFC64142)
YUV	104.8810, -19.1683, 81.6654
Hunter-Lab	40.2240, 45.7076, 17.9887

Details

The XYZ color **26.1624, 16.1797, 6.8983** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **32.4535, 45.5437, 59.9083**, and the grayscale version is **13.4311, 14.1306, 15.3882**.

A 20% lighter version of the original color is **50.9937, 35.9078, 20.1628**, and **10.4712, 5.3802, 1.2972** is the 20% darker color. If you saturate the color by 10%, you get **24.7350, 14.0985, 4.0385**, and if you desaturate by 10%, it is **28.1878, 19.1389, 10.9394**.

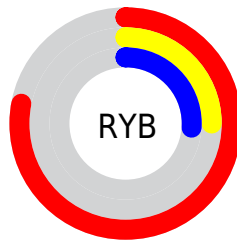
Distribution



Red (78%)

Green (25%)

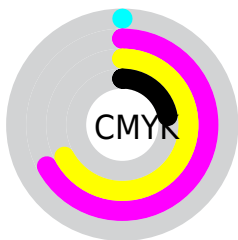
Blue (26%)



Red (78%)

Yellow (25%)

Blue (26%)

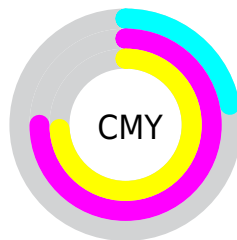


Cyan (0%)

Magenta (67%)

Yellow (67%)

Black (22%)



Cyan (22%)


Magenta (75%)


Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1624, 16.1797, 6.8983 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 26.1624, 16.1797, 6.8983 by changing the saturation by 10% instead.


 26.1624, 16.1797,
6.8983


 26.1624, 16.1797,
6.8983


275.8205,
230.3998, 176.4147


 17.0785, 9.6514,
3.3211


 52.9663, 36.9099,
20.2777


 10.3861, 5.1684,
1.2608


 71.4169, 51.8806,
30.9170

 5.7199, 2.3464,
0.0294

 93.7205, 70.4342,
44.7473

 2.7146, 0.7981,
0.0000

 120.2425, 92.9551,
62.1874

 1.0047, 0.0000,
0.0000

 151.3481,
119.8277, 83.6556

 0.0000, 0.0000,
0.0000

 187.4027,

151.4364, 109.5705

228.7717,
188.1657, 140.3507

■ 26.1624, 16.1797,
6.8983

■ 26.1624, 16.1797,
6.8983

■ 24.7350, 14.0985,
4.0385

■ 28.1878, 19.1389,
10.9394

■ 23.8394, 12.7963,
2.2320

■ 30.8659, 23.0555,
16.2703

■ 23.3881, 12.1429,
1.3134

■ 34.2465, 28.0032,
22.9879

■ 23.2967, 12.0090,
1.1325

■ 38.3742, 34.0477,
31.1798

■ 43.2901, 41.2494,
40.9263

■ 49.0320, 49.6642,
52.3021

■ 55.6356, 59.3443,
65.3767

■ 63.1343, 70.3389,
80.2159

■ 71.5597, 82.6948,
96.8819

Harmonies

Analogous

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



28.0276, 16.1797, 18.1386



26.1624, 16.1797, 6.8983



21.2677, 16.1797, 2.5541

Triad

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



26.1624, 16.1797, 6.8983



8.1767, 16.1797, 6.4304



15.1986, 16.1797, 66.0794

Complementary

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



26.1624, 16.1797, 6.8983



32.4535, 45.5437, 59.9083

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.



10.6909, 16.1797, 56.4952



26.1624, 16.1797, 6.8983



7.2559, 16.1797, 17.1054

Square

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



26.1624, 16.1797, 6.8983



10.9379, 16.1797, 2.4142



8.0589, 16.1797, 35.9505



20.8823, 16.1797, 57.6260

Rectangle

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



26.1624, 16.1797, 6.8983



17.4142, 16.1797, 1.6745



8.0589, 16.1797, 35.9505



13.5077, 16.1797, 64.7979

Sweetspot

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



26.1628, 16.1806, 6.8986



73.7776, 68.8236, 66.7620



34.7924, 19.5655, 55.3686



15.2562, 13.9469, 13.2286



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.



26.1628, 16.1806, 6.8986



42.8910, 23.6411, 5.3191



32.1312, 28.1638, 8.7450



10.6370, 10.6382, 11.0720



15.1519, 7.8103, 0.7439



0.7186, 0.3703, 0.0412

Inverse Universe

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



26.1628, 16.1806, 6.8986



42.8910, 23.6411, 5.3191



20.8601, 22.1744, 56.6065



10.6370, 10.6382, 11.0720



15.1519, 7.8103, 0.7439



0.7186, 0.3703, 0.0412

Previews

White Background



This preview shows how the XYZ color 26.1624, 16.1797, 6.8983 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



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 26.1624, 16.1797, 6.8983

Background



This preview shows how black text looks on a background with the XYZ color 26.1624, 16.1797, 6.8983.



This preview shows how white text looks on a background with the XYZ color 26.1624, 16.1797,

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

26.1624, 16.1797, 6.8983

Protanopia

15.3905, 16.5153, 10.7641

Deuteranopia

16.5283, 16.2344, 6.4001



Tritanopia

26.2224, 16.2037, 7.2144

Trichromacy



Original Color

26.1624, 16.1797, 6.8983

Protanomaly

17.9169, 15.2911, 9.0283

Deuteranomaly

19.1939, 15.4757, 6.5329

Tritanomaly

26.1921, 16.1916, 7.0550

Monochromacy



Original Color

26.1624, 16.1797, 6.8983

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

16.1920, 13.5566, 11.6608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1624, 16.1797, 6.8983 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, 65, 66)` looks like.

```
.text, #text, p{  
    color:rgb(198, 65, 66)  
}
```

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, 65, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 65, 66) }
```

Border

The CSS property to change the border of an element to XYZ 26.1624, 16.1797, 6.8983 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, 65, 66) }
```


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

```
.border{ border-color:rgb(198, 65, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 65, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 65, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 65, 66);  
box-shadow:4px 4px 4px 4px rgb(198, 65,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1624, 16.1797, 6.8983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 65, 66) }
```

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

```
.background{ background-color: rgb(198, 65,  
66) }
```

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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