

Converting Colors

XYZ(28.5691, 19.7481, 11.1542)

Have a look what the booklet for
XYZ(28.5691, 19.7481, 11.1542)
contains.

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Color

**XYZ(28.4581, 19.6571,
11.0984)**

Conversions

Conversions Part 1

Format	Color
Hex	C65856
RGB	198, 88, 86
RGB Percent	78%, 35%, 34%
CMY	0.2235, 0.6549, 0.6627
CMYK	0.00, 0.56, 0.57, 0.22
HSL	1°, 50%, 56%
HSV	1°, 57%, 78%
XYZ	28.4581, 19.6571, 11.0984
YIQ	120.6620, 66.2020, 22.6980

Conversions

Conversions Part 2

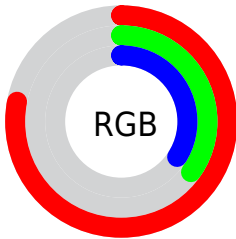
Format	Color
R_{YB}	198, 88, 86
Decimal	12998742
CIE _{Lab}	51.45, 43.78, 22.86
CIE _{LCh}	51, 49.387, 27.577
Yxy	19.6571, 0.4806, 0.3320
Android (android.graphics.Color)	4291188822 (0xFFC65856)
YUV	120.6620, -17.0884, 67.8254
Hunter-Lab	44.3363, 36.9850, 16.1938

Details

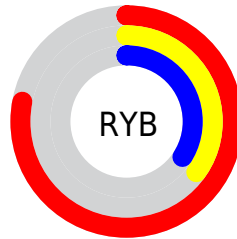
The XYZ color **28.4581, 19.6571, 11.0984** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **33.7692, 45.5325, 60.4345**, and the grayscale version is **18.1040, 19.0468, 20.7420**.

A 20% lighter version of the original color is **55.2088, 42.0873, 28.5064**, and **11.6487, 6.8511, 2.8063** is the 20% darker color. If you saturate the color by 10%, you get **26.3791, 16.6039, 6.9999**, and if you desaturate by 10%, it is **31.1847, 23.6521, 16.5031**.

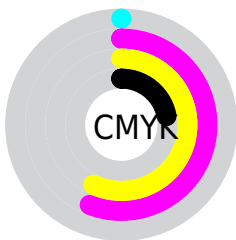
Distribution



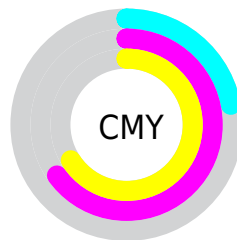
- Red (78%)
- Green (35%)
- Blue (34%)



- Red (78%)
- Yellow (35%)
- Blue (34%)



- Cyan (0%)
- Magenta (56%)
- Yellow (57%)
- Black (22%)





- Cyan (22%)
- Magenta (65%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4581, 19.6571, 11.0984 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 28.4581, 19.6571, 11.0984 by changing the saturation by 10% instead.


 28.4581, 19.6571,
11.0984


 28.4581, 19.6571,
11.0984

286.6900,
250.0527, 209.1030


 18.8135, 12.1460,
6.0181


 56.6185, 42.8415,
28.4814


 11.6388, 6.8432,
2.7871


 75.8651, 59.2837,
41.6212


 6.5687, 3.3642,
0.9870


 99.0429, 79.4717,
58.2844

 3.2378, 1.3247,
0.0000

 126.5175,
103.7899, 78.8898

 1.2807, 0.1602,
0.0000

 158.6542,
132.6227, 103.8558

 0.1687, 0.0000,
0.0000

195.8182,

 0.0000, 0.0000,

166.3545, 133.6010

0.0000

238.3751,
205.3697, 168.5439

■ 28.4581, 19.6571,
11.0984

■ 28.4581, 19.6571,
11.0984

■ 26.3791, 16.6039,
6.9999

■ 31.1847, 23.6521,
16.5031

■ 24.8928, 14.4125,
4.0963

■ 34.6049, 28.6540,
23.3107

■ 23.9378, 12.9950,
2.2595

■ 38.7621, 34.7260,
31.6101

■ 23.4368, 12.2426,
1.3231

■ 43.6961, 41.9250,
41.4824

■ 23.3270, 12.0827,
1.1027

■ 49.4434, 50.3041,
53.0029

■ 56.0384, 59.9129,
66.2422

■ 63.5137, 70.7981,
81.2665

■ 71.8997, 83.0041,
98.1389

■ 77.0985, 90.7457,
108.0599

Harmonies

Analogous

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



29.9027, 19.6571, 22.5769



28.4581, 19.6571, 11.0984



24.2678, 19.6571, 5.6505

Triad

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



28.4581, 19.6571, 11.0984



11.7435, 19.6571, 9.8589



18.2838, 19.6571, 61.8440

Complementary

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



28.4581, 19.6571, 11.0984



33.7692, 45.5325, 60.4345

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.



14.0291, 19.6571, 53.6599



28.4581, 19.6571, 11.0984



10.6936, 19.6571, 20.2710

Square

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



28.4581, 19.6571, 11.0984



14.6130, 19.6571, 5.1892



11.4506, 19.6571, 36.6721



23.4472, 19.6571, 55.8156

Rectangle

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



28.4581, 19.6571, 11.0984



20.8076, 19.6571, 4.2904



11.4506, 19.6571, 36.6721



16.7091, 19.6571, 60.6066

Sweetspot

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



28.4586, 19.6582, 11.0987



76.7298, 73.2963, 72.1596



36.5953, 22.6530, 54.7475



16.0217, 15.1026, 14.6410



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.



28.4586, 19.6582, 11.0987



45.9732, 28.3139, 10.9451



34.9214, 32.5838, 13.2530



10.6488, 10.6668, 11.0604



15.1770, 7.8711, 0.7194



0.7241, 0.3836, 0.0359

Inverse Universe

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



33.7692, 45.5325, 60.4345



56.2721, 78.5503, 106.8036



23.4284, 24.8509, 56.9876



10.9298, 12.0337, 13.6642



19.2476, 27.8892, 39.1131



0.9167, 1.3312, 1.8538

Previews

White Background



This preview shows how the XYZ color 28.4581, 19.6571, 11.0984 looks on a white background.

Color Contrast Check

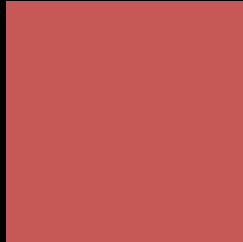
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4581, 19.6571, 11.0984 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 28.4581, 19.6571, 11.0984

Background



This preview shows how black text looks on a background with the XYZ color 28.4581, 19.6571, 11.0984.



This preview shows how white text looks on a background with the XYZ color 28.4581, 19.6571,

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

28.4581, 19.6571, 11.0984

Protanopia

18.6378, 19.8513, 15.1613

Deuteranopia

20.1764, 19.8468, 10.5520



Tritanopia

28.6727, 19.6125, 12.6303

Trichromacy



Original Color

28.4581, 19.6571, 11.0984

Protanomaly

21.2048, 18.9650, 13.6093

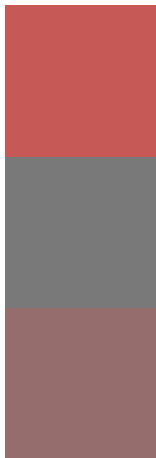
Deuteranomaly

22.5449, 19.2469, 10.7104

Tritanomaly

28.5424, 19.5603, 11.9440

Monochromacy



Original Color

28.4581, 19.6571, 11.0984

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.5698, 18.4095, 16.6566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4581, 19.6571, 11.0984 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, 88, 86)` looks like.

```
.text, #text, p{  
  color:rgb(198, 88, 86)  
}
```

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, 88, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 88, 86) }
```

Border

The CSS property to change the border of an element to XYZ 28.4581, 19.6571, 11.0984 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, 88, 86) }
```


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

```
.border{ border-color:rgb(198, 88, 86) }
```

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

Here you see how a box with a 4 pixel rgb(198, 88, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 88, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 88, 86);  
box-shadow:4px 4px 4px 4px rgb(198, 88,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4581, 19.6571, 11.0984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 88, 86) }
```

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

```
.background{ background-color: rgb(198, 88,  
86) }
```

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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