

Converting Colors

XYZ(28.8897, 19.8297, 13.3712)

Have a look what the booklet for
XYZ(28.8897, 19.8297, 13.3712)
contains.

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Color

**XYZ(28.8897, 19.8297,
13.3712)**

Conversions

Conversions Part 1

Format	Color
Hex	C65860
RGB	198, 88, 96
RGB Percent	78%, 35%, 38%
CMY	0.2235, 0.6549, 0.6235
CMYK	0.00, 0.56, 0.52, 0.22
HSL	356°, 49%, 56%
HSV	356°, 56%, 78%
XYZ	28.8897, 19.8297, 13.3712
YIQ	121.8020, 62.9920, 25.8080

Conversions

Conversions Part 2

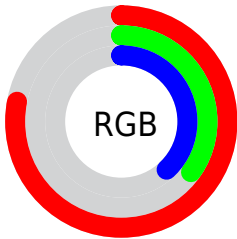
Format	Color
R_{YB}	198, 88, 96
Decimal	12998752
CIE _{Lab}	51.64, 44.61, 17.22
CIE _{LCh}	52, 47.817, 21.104
Yxy	19.8297, 0.4653, 0.3194
Android (android.graphics.Color)	4291188832 (0xFFC65860)
YUV	121.8020, -12.7204, 66.8256
Hunter-Lab	44.5306, 37.8754, 13.3684

Details

The XYZ color **28.8897, 19.8297, 13.3712** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **33.5139, 46.1809, 55.8657**, and the grayscale version is **18.4605, 19.4219, 21.1504**.

A 20% lighter version of the original color is **55.9532, 42.3851, 32.4262**, and **11.8242, 6.9213, 3.7304** is the 20% darker color. If you saturate the color by 10%, you get **26.7305, 16.7099, 8.9567**, and if you desaturate by 10%, it is **31.6887, 23.9132, 18.9733**.

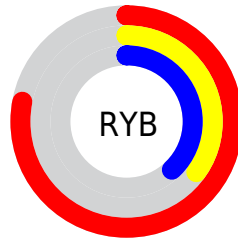
Distribution



Red (78%)

Green (35%)

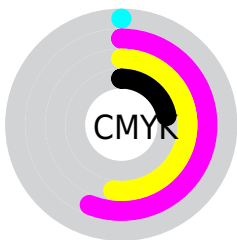
Blue (38%)



Red (78%)

Yellow (35%)

Blue (38%)

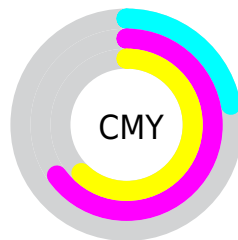


Cyan (0%)

Magenta (56%)

Yellow (52%)

Black (22%)



Cyan (22%)


Magenta (65%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.8897, 19.8297, 13.3712 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 28.8897, 19.8297, 13.3712 by changing the saturation by 10% instead.

 28.8897, 19.8297,
13.3712


 28.8897, 19.8297,
13.3712


288.6978,
250.9917, 224.5739


 19.1413, 12.2713,
7.5509


 57.3006, 43.1315,
32.6700

 11.8770, 6.9287,
3.7253


 76.6937, 59.6437,
46.9856

 6.7316, 3.4176,
1.4759


 100.0325, 79.9092,
64.9700

 3.3396, 1.3534,
0.1999

 127.6822,
104.3126, 87.0418

 1.3358, 0.1820,
0.0000

160.0082,
133.2381, 113.6196

 0.2098, 0.0000,
0.0000

197.3759,

 0.0000, 0.0000,

167.0702, 145.1218

0.0000

240.1506,
206.1933, 181.9671

■ 28.8897, 19.8297,
13.3712

■ 28.8897, 19.8297,
13.3712

■ 26.7305, 16.7099,
8.9567

■ 31.6887, 23.9132,
18.9733

■ 25.1589, 14.4717,
5.6430

■ 35.1710, 29.0274,
25.8391

■ 24.1172, 13.0248,
3.3332

■ 39.3783, 35.2368,
34.0396

■ 23.5344, 12.2570,
1.9130

■ 44.3484, 42.6001,
43.6404

■ 23.3705, 12.0385,
1.5214

■ 50.1164, 51.1715,
54.7026

■ 56.7153, 61.0018,
67.2837

■ 64.1762, 72.1392,
81.4382

■ 72.5288, 84.6289,
97.2177

■ 77.0986, 90.7457,
108.0599

Harmonies

Analogous

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



29.5735, 19.8297, 25.9640



28.8897, 19.8297, 13.3712



25.2903, 19.8297, 6.8161

Triad

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



28.8897, 19.8297, 13.3712



12.5125, 19.8297, 8.8402



17.4496, 19.8297, 59.8919

Complementary

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



28.8897, 19.8297, 13.3712



33.5139, 46.1809, 55.8657

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.



13.6039, 19.8297, 49.5571



28.8897, 19.8297, 13.3712



11.0903, 19.8297, 17.7391

Square

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



28.8897, 19.8297, 13.3712



15.7020, 19.8297, 5.0838



11.4526, 19.8297, 32.6343



22.3874, 19.8297, 57.0523

Rectangle

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



28.8897, 19.8297, 13.3712



22.0130, 19.8297, 4.9515



11.4526, 19.8297, 32.6343



16.0011, 19.8297, 57.7237

Sweetspot

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



28.8902, 19.8308, 13.3715



76.9362, 73.0682, 74.2044



34.6282, 21.8552, 55.8192



16.0697, 15.0498, 15.1156



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.



28.8902, 19.8308, 13.3715



46.5595, 28.4790, 14.2468



33.5529, 29.7155, 13.2012



10.6646, 10.6492, 11.2172



15.2108, 7.8339, 1.0538



0.7313, 0.3754, 0.1084

Inverse Universe

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



28.8902, 19.8308, 13.3715



46.5595, 28.4790, 14.2468



25.4738, 28.6636, 57.6158



10.6646, 10.6492, 11.2172



15.2108, 7.8339, 1.0538



0.7313, 0.3754, 0.1084

Previews

White Background



This preview shows how the XYZ color 28.8897, 19.8297, 13.3712 looks on a white background.

Color Contrast Check

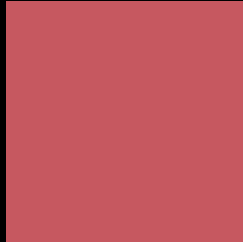
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8897, 19.8297, 13.3712 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 28.8897, 19.8297, 13.3712

Background



This preview shows how black text looks on a background with the XYZ color 28.8897, 19.8297, 13.3712.



This preview shows how white text looks on a background with the XYZ color 28.8897, 19.8297,

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

28.8897, 19.8297, 13.3712

Protanopia

18.9657, 19.9474, 18.4734

Deuteranopia

20.3392, 20.0600, 12.6975



Tritanopia

28.7988, 19.7934, 12.8923

Trichromacy



Original Color

28.8897, 19.8297, 13.3712

Protanomaly

21.3666, 18.9857, 16.4484

Deuteranomaly

22.8554, 19.5148, 12.9180

Tritanomaly

28.8440, 19.8114, 13.1302

Monochromacy



Original Color

28.8897, 19.8297, 13.3712

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

21.1342, 18.8281, 18.1431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8897, 19.8297, 13.3712 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, 96)` looks like.

```
.text, #text, p{  
    color:rgb(198, 88, 96)  
}
```

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, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 88, 96) }
```

Border

The CSS property to change the border of an element to XYZ 28.8897, 19.8297, 13.3712 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, 96) }
```


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

```
.border{ border-color:rgb(198, 88, 96) }
```

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, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 88, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 88, 96);  
box-shadow:4px 4px 4px 4px rgb(198, 88,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8897, 19.8297, 13.3712 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, 96) }
```

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

```
.background{ background-color: rgb(198, 88,  
96) }
```

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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