

Converting Colors

XYZ(28.5849, 19.5410, 8.3961)

Have a look what the booklet for
XYZ(28.5849, 19.5410, 8.3961)
contains.

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Color

**XYZ(28.5849, 19.5410,
8.3961)**

Conversions

Conversions Part 1

Format	Color
Hex	C95648
RGB	201, 86, 72
RGB Percent	79%, 34%, 28%
CMY	0.2118, 0.6627, 0.7176
CMYK	0.00, 0.57, 0.64, 0.21
HSL	7°, 54%, 54%
HSV	7°, 64%, 79%
XYZ	28.5849, 19.5410, 8.3961
YIQ	118.7890, 73.0340, 20.0260

Conversions

Conversions Part 2

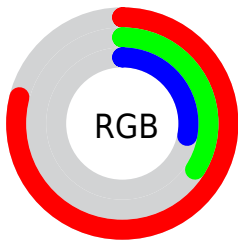
Format	Color
R_{YB}	201, 88, 72
Decimal	13194824
CIE _{Lab}	51.31, 44.85, 30.93
CIE _{LCh}	51, 54.478, 34.595
Yxy	19.5410, 0.5057, 0.3457
Android (android.graphics.Color)	4291384904 (0xFFC95648)
YUV	118.7890, -23.0670, 72.0990
Hunter-Lab	44.2052, 38.0663, 19.6824

Details

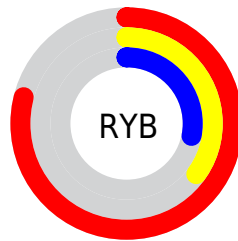
The XYZ color **28.5849, 19.5410, 8.3961** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **30.9840, 41.1325, 61.5644**, and the grayscale version is **17.5231, 18.4356, 20.0764**.

A 20% lighter version of the original color is **53.9238, 41.1057, 23.1813**, and **11.7106, 6.7796, 1.7900** is the 20% darker color. If you saturate the color by 10%, you get **26.7774, 16.8096, 5.0704**, and if you desaturate by 10%, it is **30.9662, 23.0774, 12.9706**.

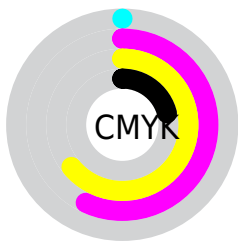
Distribution



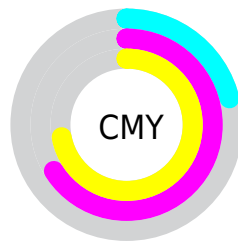
- Red (79%)
- Green (34%)
- Blue (28%)



- Red (79%)
- Yellow (35%)
- Blue (28%)



- Cyan (0%)
- Magenta (57%)
- Yellow (64%)
- Black (21%)





- Cyan (21%)
- Magenta (66%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5849, 19.5410, 8.3961 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 28.5849, 19.5410, 8.3961 by changing the saturation by 10% instead.

 28.5849, 19.5410,
8.3961


 28.5849, 19.5410,
8.3961


287.2810,
249.4193, 188.8557


 18.9097, 12.0618,
4.2580


 56.8191, 42.6463,
23.2902


 11.7087, 6.7858,
1.7679


 76.1088, 59.0412,
34.8834

 6.6164, 3.3285,
0.4067


 99.3340, 79.1768,
49.7987

 3.2676, 1.3055,
0.0000

 126.8602,
103.4375, 68.4546

 1.2968, 0.1455,
0.0000

 159.0526,
132.2078, 91.2697

 0.1808, 0.0000,
0.0000

196.2766,

 0.0000, 0.0000,

165.8719, 118.6626

0.0000

238.8976,
204.8143, 151.0518

■ 28.5849, 19.5410,
8.3961

■ 28.5849, 19.5410,
8.3961

■ 26.7774, 16.8096,
5.0704

■ 30.9662, 23.0774,
12.9706

■ 25.4933, 14.8166,
2.8686

■ 33.9633, 27.4722,
18.9005

■ 24.6752, 13.4901,
1.6416

■ 37.6158, 32.7777,
26.2820

■ 24.3708, 12.9846,
1.2218

■ 41.9596, 39.0414,
35.2024

■ 47.0279, 46.3074,
45.7419

■ 52.8519, 54.6168,
57.9753

■ 59.4608, 64.0089,
71.9727

■ 66.8823, 74.5204,
87.8003

■ 75.1429, 86.1868,
105.5206

Harmonies

Analogous

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



31.0750, 19.5410, 18.9654



28.5849, 19.5410, 8.3961



23.4326, 19.5410, 4.0658

Triad

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



28.5849, 19.5410, 8.3961



10.6350, 19.5410, 10.8376



19.4240, 19.5410, 67.2963

Complementary

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



28.5849, 19.5410, 8.3961



30.9840, 41.1325, 61.5644

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.



14.4367, 19.5410, 61.4396



28.5849, 19.5410, 8.3961



9.9748, 19.5410, 23.7688

Square

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



28.5849, 19.5410, 8.3961



13.2438, 19.5410, 4.9153



11.2236, 19.5410, 43.2255



25.1689, 19.5410, 56.6992

Rectangle

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



28.5849, 19.5410, 8.3961



19.5761, 19.5410, 3.2160



11.2236, 19.5410, 43.2255



17.6051, 19.5410, 67.2169

Sweetspot

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



28.5854, 19.5421, 8.3964



75.9437, 72.7353, 68.7801



35.4925, 20.6874, 49.7557



15.7286, 14.8129, 13.6288



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.



28.5854, 19.5421, 8.3964



44.8868, 27.3050, 6.9948



36.0678, 34.5070, 10.8906



10.7250, 10.8192, 11.0858



15.3570, 8.2312, 0.7794



0.7592, 0.4538, 0.0476

Inverse Universe

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



30.9840, 41.1325, 61.5644



49.1649, 66.8031, 104.9108



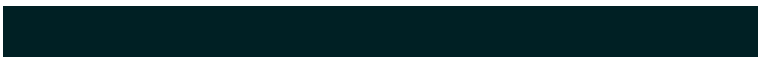
20.3728, 19.9101, 58.0273



10.8446, 11.8632, 13.6357



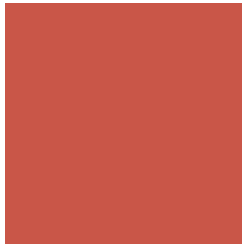
16.8277, 23.0493, 38.3064



0.8257, 1.1491, 1.8234

Previews

White Background



This preview shows how the XYZ color 28.5849, 19.5410, 8.3961 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 28.5849, 19.5410, 8.3961 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 28.5849, 19.5410, 8.3961

Background



This preview shows how black text looks on a background with the XYZ color 28.5849, 19.5410, 8.3961.



This preview shows how white text looks on a background with the XYZ color 28.5849, 19.5410,

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

28.5849, 19.5410, 8.3961

Protanopia

18.4355, 19.8243, 11.6589

Deuteranopia

19.9223, 19.6000, 7.8874



Tritanopia

29.3306, 19.6185, 11.6920

Trichromacy



Original Color

28.5849, 19.5410, 8.3961

Protanomaly

21.1617, 19.0150, 10.3395

Deuteranomaly

22.5596, 19.1604, 7.9782

Tritanomaly

29.1670, 19.6781, 10.4446

Monochromacy



Original Color

28.5849, 19.5410, 8.3961

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

20.0504, 17.8643, 14.9617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5849, 19.5410, 8.3961 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(201, 86, 72)` looks like.

```
.text, #text, p{  
    color:rgb(201, 86, 72)  
}
```

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(201, 86, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 86, 72) }
```

Border

The CSS property to change the border of an element to XYZ 28.5849, 19.5410, 8.3961 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(201, 86, 72) }
```


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

```
.border{ border-color:rgb(201, 86, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 86, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 86, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 86, 72);  
box-shadow:4px 4px 4px 4px rgb(201, 86,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5849, 19.5410, 8.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 86, 72) }
```

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

```
.background{ background-color: rgb(201, 86,  
72) }
```

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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