

Converting Colors

XYZ(28.5845, 19.7663, 7.6981)

Have a look what the booklet for
XYZ(28.5845, 19.7663, 7.6981)
contains.

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Color

**XYZ(28.6205, 19.8143,
7.7849)**

Conversions

Conversions Part 1

Format	Color
Hex	C95844
RGB	201, 88, 68
RGB Percent	79%, 35%, 27%
CMY	0.2118, 0.6549, 0.7333
CMYK	0.00, 0.56, 0.66, 0.21
HSL	9°, 55%, 53%
HSV	9°, 66%, 79%
XYZ	28.6205, 19.8143, 7.7849
YIQ	119.5070, 73.7680, 17.7360

Conversions

Conversions Part 2

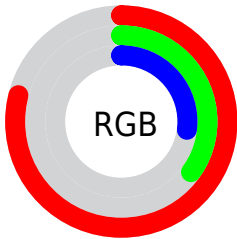
Format	Color
R_{YB}	201, 92, 68
Decimal	13195332
CIE _{Lab}	51.63, 43.64, 33.59
CIE _{LCh}	52, 55.068, 37.585
Yxy	19.8143, 0.5091, 0.3524
Android (android.graphics.Color)	4291385412 (0xFFC95844)
YUV	119.5070, -25.3930, 71.4694
Hunter-Lab	44.5133, 36.8712, 20.7901

Details

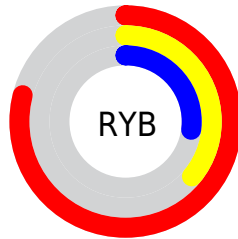
The XYZ color **28.6205, 19.8143, 7.7849** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **29.4490, 38.4910, 61.1354**, and the grayscale version is **17.7579, 18.6827, 20.3455**.

A 20% lighter version of the original color is **53.9758, 41.5941, 22.0133**, and **11.7504, 6.9307, 1.5826** is the 20% darker color. If you saturate the color by 10%, you get **26.8675, 17.1277, 4.6755**, and if you desaturate by 10%, it is **30.9130, 23.2438, 12.1116**.

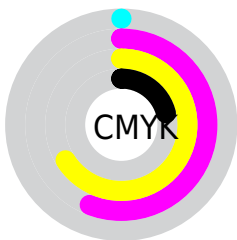
Distribution



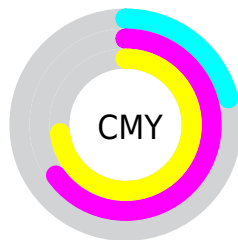
- Red (79%)
- Green (35%)
- Blue (27%)



- Red (79%)
- Yellow (36%)
- Blue (27%)



- Cyan (0%)
- Magenta (56%)
- Yellow (66%)
- Black (21%)





- Cyan (21%)
- Magenta (65%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6205, 19.8143, 7.7849 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 28.6205, 19.8143, 7.7849 by changing the saturation by 10% instead.

 28.6205, 19.8143,
7.7849


 28.6205, 19.8143,
7.7849

287.4467,
250.9080, 183.9062


 18.9368, 12.2601,
3.8718


 56.8753, 43.1056,
22.0748


 11.7283, 6.9211,
1.5553


 76.1771, 59.6116,
33.2888


 6.6298, 3.4128,
0.2586


 99.4157, 79.8702,
47.7734

 3.2760, 1.3509,
0.0000

 126.9563,
104.2660, 65.9473

 1.3013, 0.1801,
0.0000

 159.1644,
133.1833, 88.2290

 0.1842, 0.0000,
0.0000

196.4052,

 0.0000, 0.0000,

167.0064, 115.0370

0.0000

239.0442,
206.1199, 146.7899

■ 28.6205, 19.8143,
7.7849

■ 28.6205, 19.8143,
7.7849

■ 26.8675, 17.1277,
4.6755

■ 30.9130, 23.2438,
12.1116

■ 25.6069, 15.1251,
2.6560

■ 33.7839, 27.4628,
17.7637

■ 24.7841, 13.7437,
1.5677

■ 37.2702, 32.5176,
24.8382

■ 24.5575, 13.3579,
1.2840

■ 41.4053, 38.4503,
33.4229

■ 46.2202, 45.2999,
43.5985

■ 51.7437, 53.1032,
55.4398

■ 58.0032, 61.8948,
69.0171

■ 65.0244, 71.7078,
84.3966

■ 72.8320, 82.5736,
101.6407

Harmonies

Analogous

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



31.5179, 19.8143, 17.7857



28.6205, 19.8143, 7.7849



23.2030, 19.8143, 3.8581

Triad

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



28.6205, 19.8143, 7.7849



10.5887, 19.8143, 11.8916



20.2772, 19.8143, 68.2741

Complementary

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



28.6205, 19.8143, 7.7849



29.4490, 38.4910, 61.1354

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.



15.0491, 19.8143, 63.9665



28.6205, 19.8143, 7.7849



10.1104, 19.8143, 25.8662

Square

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



28.6205, 19.8143, 7.7849



13.0440, 19.8143, 5.2858



11.5778, 19.8143, 46.1058



26.1221, 19.8143, 55.9950

Rectangle

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



28.6205, 19.8143, 7.7849



19.2862, 19.8143, 3.1781



11.5778, 19.8143, 46.1058



18.3868, 19.8143, 68.7935

Sweetspot

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



28.6210, 19.8154, 7.7852



75.6006, 72.5426, 67.1443



34.5000, 19.8900, 45.7636



15.6827, 14.8171, 13.3182



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.



28.6210, 19.8154, 7.7852



45.0542, 27.8400, 6.4339



36.7607, 36.0948, 10.4985



10.7605, 10.8902, 11.0976



15.4833, 8.4838, 0.8215



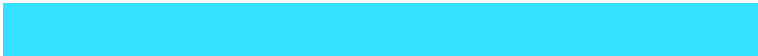
0.7754, 0.4863, 0.0530

Inverse Universe

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



29.4490, 38.4910, 61.1354



46.3907, 61.6787, 104.0679



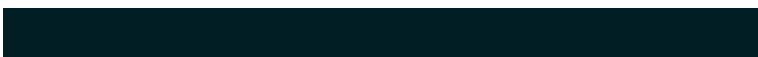
19.0061, 17.6052, 57.6544



10.8056, 11.7852, 13.6227



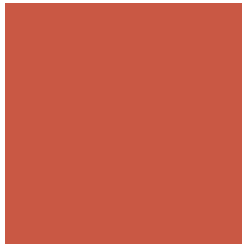
15.8109, 21.0158, 37.9675



0.7865, 1.0709, 1.8104

Previews

White Background



This preview shows how the XYZ color 28.6205, 19.8143, 7.7849 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 28.6205, 19.8143, 7.7849 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 28.6205, 19.8143, 7.7849

Background



This preview shows how black text looks on a background with the XYZ color 28.6205, 19.8143, 7.7849.



This preview shows how white text looks on a background with the XYZ color 28.6205, 19.8143,

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

28.6205, 19.8143, 7.7849

Protanopia

18.5244, 20.0777, 10.6836

Deuteranopia

20.2968, 19.9801, 7.3442



Tritanopia

29.4939, 19.8089, 12.1665

Trichromacy



Original Color

28.6205, 19.8143, 7.7849

Protanomaly

21.0895, 19.1598, 9.4241

Deuteranomaly

22.7607, 19.4316, 7.4015

Tritanomaly

29.2462, 19.8367, 10.4710

Monochromacy



Original Color

28.6205, 19.8143, 7.7849

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

20.1060, 18.0543, 14.7370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6205, 19.8143, 7.7849 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, 88, 68)` looks like.

```
.text, #text, p{  
    color:rgb(201, 88, 68)  
}
```

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, 88, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 88, 68) }
```

Border

The CSS property to change the border of an element to XYZ 28.6205, 19.8143, 7.7849 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, 88, 68) }
```


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

```
.border{ border-color:rgb(201, 88, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 88, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 88, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 88, 68);  
box-shadow:4px 4px 4px 4px rgb(201, 88,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6205, 19.8143, 7.7849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 88, 68) }
```

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

```
.background{ background-color: rgb(201, 88,  
68) }
```

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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