

Converting Colors

XYZ(28.4836, 18.6496, 10.4860)

Have a look what the booklet for
XYZ(28.4836, 18.6496, 10.4860)
contains.

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Color

**XYZ(28.4836, 18.6496,
10.4860)**

Conversions

Conversions Part 1

Format	Color
Hex	C94F54
RGB	201, 79, 84
RGB Percent	79%, 31%, 33%
CMY	0.2118, 0.6902, 0.6706
CMYK	0.00, 0.61, 0.58, 0.21
HSL	358°, 53%, 55%
HSV	358°, 61%, 79%
XYZ	28.4836, 18.6496, 10.4860
YIQ	116.0480, 71.1070, 27.4190

Conversions

Conversions Part 2

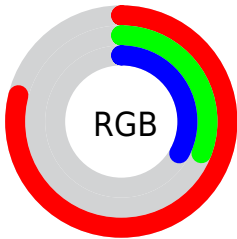
Format	Color
RYB	201, 79, 84
Decimal	13193044
CIELab	50.27, 48.93, 22.59
CIElCh	50, 53.894, 24.784
Yxy	18.6496, 0.4943, 0.3237
Android (android.graphics.Color)	4291383124 (0xFFC94F54)
YUV	116.0480, -15.7997, 74.5029
Hunter-Lab	43.1852, 42.1590, 15.8331

Details

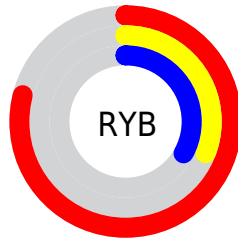
The XYZ color **28.4836, 18.6496, 10.4860** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **34.0762, 47.4214, 59.5857**, and the grayscale version is **16.6476, 17.5146, 19.0734**.

A 20% lighter version of the original color is **53.9306, 39.7563, 27.3855**, and **11.6009, 6.3095, 2.5259** is the 20% darker color. If you saturate the color by 10%, you get **26.5926, 15.9144, 6.6293**, and if you desaturate by 10%, it is **31.0215, 22.3464, 15.5835**.

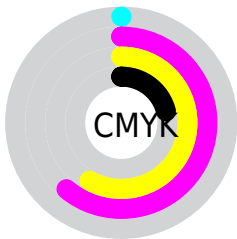
Distribution



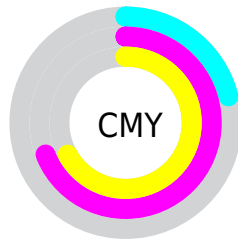
- Red (79%)
- Green (31%)
- Blue (33%)



- Red (79%)
- Yellow (31%)
- Blue (33%)



- Cyan (0%)
- Magenta (61%)
- Yellow (58%)
- Black (21%)





- Cyan (21%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4836, 18.6496, 10.4860 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 28.4836, 18.6496, 10.4860 by changing the saturation by 10% instead.


 28.4836, 18.6496,
10.4860


 28.4836, 18.6496,
10.4860

286.8089,
244.5075, 204.7156


 18.8328, 11.4174,
5.6126


 56.6589, 41.1412,
27.3277


 11.6528, 6.3483,
2.5460


 75.9141, 57.1693,
40.1330


 6.5783, 3.0580,
0.8644


 99.1015, 76.8981,
56.4193

 3.2437, 1.1621,
0.0000

 126.5865,
100.7121, 76.6053

 1.2839, 0.0304,
0.0000

 158.7343,
128.9957, 101.1093

 0.1711, 0.0000,
0.0000

195.9105,

 0.0000, 0.0000,

162.1332, 130.3500

0.0000

238.4802,
200.5089, 164.7460

■ 28.4836, 18.6496,
10.4860

■ 28.4836, 18.6496,
10.4860

■ 26.5926, 15.9144,
6.6293

■ 31.0215, 22.3464,
15.5835

■ 25.2888, 14.0488,
3.9067

■ 34.2562, 27.0795,
22.0146

■ 24.5035, 12.9487,
2.1951

■ 38.2344, 32.9199,
29.8643

■ 24.1323, 12.4355,
1.3646

■ 42.9983, 39.9312,
39.2103

■ 48.5870, 48.1726,
50.1245

■ 55.0369, 57.6989,
62.6745

■ 62.3822, 68.5618,
76.9235

■ 70.6555, 80.8102,
92.9318

■ 77.8972, 91.1574,
108.0973

Harmonies

Analogous

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



29.7116, 18.6496, 23.0318



28.4836, 18.6496, 10.4860



24.1635, 18.6496, 4.7157

Triad

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



28.4836, 18.6496, 10.4860



10.7279, 18.6496, 7.8353



16.8294, 18.6496, 64.4638

Complementary

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



28.4836, 18.6496, 10.4860



34.0762, 47.4214, 59.5857

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.



12.5471, 18.6496, 53.9876



28.4836, 18.6496, 10.4860



9.4944, 18.6496, 17.8047

Square

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



28.4836, 18.6496, 10.4860



13.8440, 18.6496, 3.7961



10.0885, 18.6496, 34.8894



22.2730, 18.6496, 59.1570

Rectangle

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



28.4836, 18.6496, 10.4860



20.4915, 18.6496, 3.2850



10.0885, 18.6496, 34.8894



15.2210, 18.6496, 62.5641

Sweetspot

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



28.4841, 18.6506, 10.4863



75.8202, 71.6121, 71.4403



35.8189, 21.3989, 57.5005



15.6610, 14.4914, 14.1806



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.



28.4841, 18.6506, 10.4863



44.6798, 26.0262, 9.5919



34.0107, 30.0057, 11.3978



10.6512, 10.6439, 11.1463



15.1818, 7.8223, 0.9015



0.7251, 0.3729, 0.0757

Inverse Universe

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



28.4841, 18.6506, 10.4863



44.6798, 26.0262, 9.5919



24.0625, 26.4692, 59.0988



10.6512, 10.6439, 11.1463



15.1818, 7.8223, 0.9015



0.7251, 0.3729, 0.0757

Previews

White Background



This preview shows how the XYZ color 28.4836, 18.6496, 10.4860 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 28.4836, 18.6496, 10.4860 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 28.4836, 18.6496, 10.4860

Background



This preview shows how black text looks on a background with the XYZ color 28.4836, 18.6496, 10.4860.



This preview shows how white text looks on a background with the XYZ color 28.4836, 18.6496,

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

28.4836, 18.6496, 10.4860

Protanopia

17.7189, 18.8279, 15.2706

Deuteranopia

19.1829, 18.8313, 9.8315



Tritanopia

28.4836, 18.6496, 10.4860

Trichromacy



Original Color

28.4836, 18.6496, 10.4860

Protanomaly

20.2540, 17.7017, 13.1757

Deuteranomaly

21.7164, 18.0813, 9.9349

Tritanomaly

28.4836, 18.6496, 10.4860

Monochromacy



Original Color

28.4836, 18.6496, 10.4860

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

19.3816, 16.9030, 15.3378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4836, 18.6496, 10.4860 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, 79, 84)` looks like.

```
.text, #text, p{  
    color:rgb(201, 79, 84)  
}
```

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, 79, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 79, 84) }
```

Border

The CSS property to change the border of an element to XYZ 28.4836, 18.6496, 10.4860 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, 79, 84) }
```


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

```
.border{ border-color:rgb(201, 79, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 79, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 79, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 79, 84);  
box-shadow:4px 4px 4px 4px rgb(201, 79,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4836, 18.6496, 10.4860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 79, 84) }
```

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

```
.background{ background-color: rgb(201, 79,  
84) }
```

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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