

Converting Colors

XYZ(28.0596, 18.3272, 15.1553)

Have a look what the booklet for
XYZ(28.0596, 18.3272, 15.1553)
contains.

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Color

**XYZ(28.0596, 18.3272,
15.1553)**

Conversions

Conversions Part 1

Format	Color
Hex	C44F68
RGB	196, 79, 104
RGB Percent	77%, 31%, 41%
CMY	0.2314, 0.6902, 0.5922
CMYK	0.00, 0.60, 0.47, 0.23
HSL	347°, 50%, 54%
HSV	347°, 60%, 77%
XYZ	28.0596, 18.3272, 15.1553
YIQ	116.8330, 61.7070, 32.5790

Conversions

Conversions Part 2

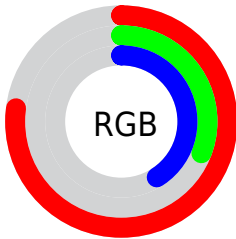
Format	Color
RYB	196, 79, 104
Decimal	12865384
CIELab	49.89, 48.92, 9.96
CIELCh	50, 49.920, 11.504
Yxy	18.3272, 0.4559, 0.2978
Android (android.graphics.Color)	4291055464 (0xFFC44F68)
YUV	116.8330, -6.3267, 69.4295
Hunter-Lab	42.8103, 42.0782, 8.9779

Details

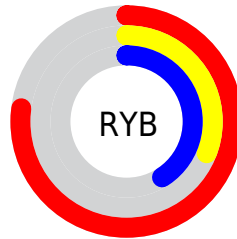
The XYZ color **28.0596, 18.3272, 15.1553** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **30.3162, 44.0828, 45.4421**, and the grayscale version is **16.8631, 17.7413, 19.3203**.

A 20% lighter version of the original color is **55.5439, 40.4016, 35.8812**, and **11.4879, 6.2350, 4.4689** is the 20% darker color. If you saturate the color by 10%, you get **26.1357, 15.6200, 10.9982**, and if you desaturate by 10%, it is **30.5442, 21.9270, 20.2057**.

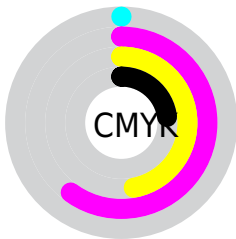
Distribution



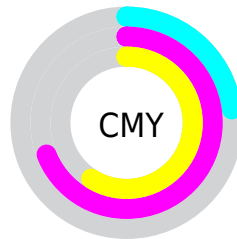
- Red (77%)
- Green (31%)
- Blue (41%)



- Red (77%)
- Yellow (31%)
- Blue (41%)



- Cyan (0%)
- Magenta (60%)
- Yellow (47%)
- Black (23%)





- Cyan (23%)
- Magenta (69%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0596, 18.3272, 15.1553 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 28.0596, 18.3272, 15.1553 by changing the saturation by 10% instead.

 28.0596, 18.3272,
15.1553


 28.0596, 18.3272,
15.1553


284.8265,
242.7089, 235.9774


 18.5113, 11.1852,
8.7806


 55.9876, 40.5941,
35.8715


 11.4196, 6.1915,
4.5035


 75.0979, 56.4877,
51.0502


 6.4192, 2.9619,
1.9054


 98.1263, 76.0673,
70.0006

 3.1447, 1.1119,
0.4962

 125.4381, 99.7173,
93.1412

 1.2307, 0.0000,
0.0000

 157.3987,
127.8221, 120.8907

 0.1304, 0.0000,
0.0000

194.3734,

 0.0000, 0.0000,

160.7660, 153.6675

0.0000

236.7275,
198.9335, 191.8902

■ 28.0596, 18.3272,
15.1553

■ 28.0596, 18.3272,
15.1553

■ 26.1357, 15.6200,
10.9982

■ 30.5442, 21.9270,
20.2057

■ 24.7256, 13.7237,
7.6796

■ 33.6286, 26.4858,
26.1974

■ 23.7764, 12.5464,
5.1399

■ 37.3499, 32.0670,
33.1761

■ 23.1957, 11.9186,
3.3014

■ 41.7418, 38.7280,
41.1843

■ 23.1805, 11.9020,
3.2541

■ 46.8355, 46.5216,
50.2618

■ 52.6602, 55.4972,
60.4463

■ 59.2435, 65.7014,
71.7737

■ 66.6117, 77.1782,
84.2783

■ 74.6596, 89.7096,
97.9496

Harmonies

Analogous

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



27.6630, 18.3272, 29.5182



28.0596, 18.3272, 15.1553



25.2438, 18.3272, 7.1063

Triad

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



28.0596, 18.3272, 15.1553



12.0141, 18.3272, 6.0263



14.6649, 18.3272, 56.7427

Complementary

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



28.0596, 18.3272, 15.1553



30.3162, 44.0828, 45.4421

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.



11.4062, 18.3272, 42.9562



28.0596, 18.3272, 15.1553



10.0799, 18.3272, 12.7190

Square

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



28.0596, 18.3272, 15.1553



15.6511, 18.3272, 3.6840



9.8799, 18.3272, 25.6746



19.3162, 18.3272, 58.4259

Rectangle

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



28.0596, 18.3272, 15.1553



22.1796, 18.3272, 4.6150



9.8799, 18.3272, 25.6746



13.3943, 18.3272, 53.1519

Sweetspot

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



28.0601, 18.3282, 15.1556



76.8388, 72.0195, 76.8041



29.4790, 18.1973, 54.1831



15.9043, 14.5887, 15.4618



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.



28.0601, 18.3282, 15.1556



46.3673, 26.9569, 17.6897



29.9877, 23.9229, 10.4355



10.1593, 10.1123, 10.9294



14.9209, 7.6581, 2.2294



0.6708, 0.3413, 0.2339

Inverse Universe

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



28.0601, 18.3282, 15.1556



46.3673, 26.9569, 17.6897



26.2597, 31.7898, 56.9764



10.1593, 10.1123, 10.9294



14.9209, 7.6581, 2.2294



0.6708, 0.3413, 0.2339

Previews

White Background



This preview shows how the XYZ color 28.0596, 18.3272, 15.1553 looks on a white background.

Color Contrast Check

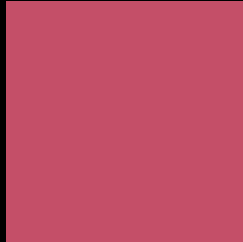
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 28.0596, 18.3272, 15.1553 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 28.0596, 18.3272, 15.1553

Background



This preview shows how black text looks on a background with the XYZ color 28.0596, 18.3272, 15.1553.

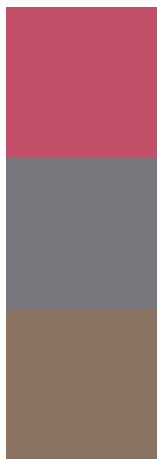


This preview shows how white text looks on a background with the XYZ color 28.0596, 18.3272,

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

28.0596, 18.3272, 15.1553

Protanopia

18.0442, 18.6674, 22.0542

Deuteranopia

18.8641, 18.5656, 14.3937



Tritanopia

27.2433, 18.3248, 11.1180

Trichromacy



Original Color

28.0596, 18.3272, 15.1553

Protanomaly

20.3739, 17.4809, 19.1299

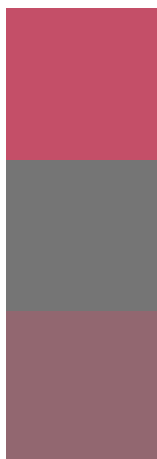
Deuteranomaly

21.3984, 17.8133, 14.6224

Tritanomaly

27.4239, 18.2773, 12.4384

Monochromacy



Original Color

28.0596, 18.3272, 15.1553

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.6289, 16.9813, 17.5724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0596, 18.3272, 15.1553 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(196, 79, 104)` looks like.

```
.text, #text, p{  
    color:rgb(196, 79, 104)  
}
```

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(196, 79, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 79, 104) }
```

Border

The CSS property to change the border of an element to XYZ 28.0596, 18.3272, 15.1553 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(196, 79, 104) }
```


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

```
.border{ border-color:rgb(196, 79, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 79, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 79, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 79, 104);  
box-shadow:4px 4px 4px 4px rgb(196, 79,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0596, 18.3272, 15.1553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 79, 104) }
```

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

```
.background{ background-color: rgb(196, 79,  
104) }
```

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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