

Converting Colors

XYZ(27.8290, 17.3967, 15.2558)

Have a look what the booklet for
XYZ(27.8290, 17.3967, 15.2558)
contains.

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Color

**XYZ(27.8290, 17.3967,
15.2558)**

Conversions

Conversions Part 1

Format	Color
Hex	C54769
RGB	197, 71, 105
RGB Percent	77%, 28%, 41%
CMY	0.2275, 0.7215, 0.5882
CMYK	0.00, 0.64, 0.47, 0.23
HSL	344°, 52%, 53%
HSV	344°, 64%, 77%
XYZ	27.8290, 17.3967, 15.2558
YIQ	112.5500, 64.1820, 37.2860

Conversions

Conversions Part 2

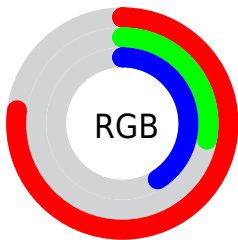
Format	Color
R_{YB}	197, 71, 105
Decimal	12928873
CIE _{Lab}	48.76, 52.89, 7.77
CIE _{LCh}	49, 53.461, 8.358
Yxy	17.3967, 0.4601, 0.2876
Android (android.graphics.Color)	4291118953 (0xFFC54769)
YUV	112.5500, -3.7221, 74.0627
Hunter-Lab	41.7094, 46.1061, 7.5104

Details

The XYZ color **27.8290, 17.3967, 15.2558** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **29.1767, 43.9169, 41.5924**, and the grayscale version is **15.5610, 16.3714, 17.8285**.

A 20% lighter version of the original color is **54.7016, 38.5820, 36.0165**, and **11.2558, 5.7305, 4.5158** is the 20% darker color. If you saturate the color by 10%, you get **26.0950, 15.0136, 11.3334**, and if you desaturate by 10%, it is **30.0950, 20.6437, 19.9729**.

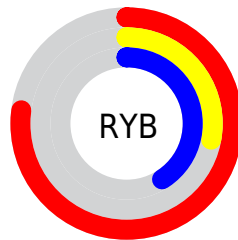
Distribution



Red (77%)

Green (28%)

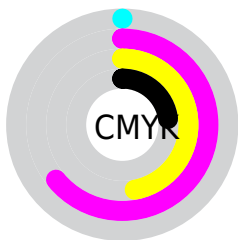
Blue (41%)



Red (77%)

Yellow (28%)

Blue (41%)

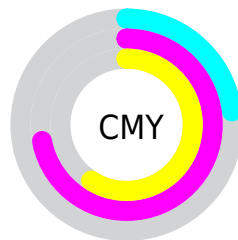


Cyan (0%)

Magenta (64%)

Yellow (47%)

Black (23%)



Cyan (23%)


Magenta (72%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.8290, 17.3967, 15.2558 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 27.8290, 17.3967, 15.2558 by changing the saturation by 10% instead.


 27.8290, 17.3967,
15.2558


 27.8290, 17.3967,
15.2558


283.7438,
237.4482, 236.6032


 18.3366, 10.5177,
8.8505


 55.6219, 39.0066,
36.0499


 11.2931, 5.7436,
4.5483


 74.6530, 54.5063,
51.2759


 6.3331, 2.6898,
1.9307


 97.5945, 73.6484,
70.2790

 3.0912, 0.9720,
0.5122

 124.8116, 96.8172,
93.4781

 1.2022, 0.0000,
0.0000

 156.6698,
124.3972, 121.2915

 0.1081, 0.0000,
0.0000

193.5343,

 0.0000, 0.0000,

156.7728, 154.1377

0.0000

235.7705,
194.3283, 192.4355

■ 27.8290, 17.3967,
15.2558

■ 27.8290, 17.3967,
15.2558

■ 26.0950, 15.0136,
11.3334

■ 30.0950, 20.6437,
19.9729

■ 24.8445, 13.4073,
8.1581

■ 32.9330, 24.8251,
25.5263

■ 24.0215, 12.4771,
5.6776

■ 36.3804, 30.0072,
31.9559

■ 23.6720, 12.1287,
4.4799

■ 40.4712, 36.2494,
39.2984

■ 45.2368, 43.6067,
47.5884

■ 50.7062, 52.1300,
56.8587

■ 56.9071, 61.8671,
67.1404

■ 63.8655, 72.8633,
78.4633

■ 71.6059, 85.1614,
90.8559

Harmonies

Analogous

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



27.0318, 17.3967, 30.8540



27.8290, 17.3967, 15.2558



25.1603, 17.3967, 6.5768

Triad

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



27.8290, 17.3967, 15.2558



11.3120, 17.3967, 4.6139



13.2727, 17.3967, 57.1611

Complementary

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



27.8290, 17.3967, 15.2558



29.1767, 43.9169, 41.5924

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.



10.1477, 17.3967, 41.3426



27.8290, 17.3967, 15.2558



9.1827, 17.3967, 10.5746

Square

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



27.8290, 17.3967, 15.2558



15.1921, 17.3967, 2.7606



8.8037, 17.3967, 23.1789



17.9549, 17.3967, 60.6312

Rectangle

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



27.8290, 17.3967, 15.2558



22.0370, 17.3967, 3.9370



8.8037, 17.3967, 23.1789



12.0347, 17.3967, 52.8337

Sweetspot

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



27.8295, 17.3976, 15.2561



76.3122, 70.8152, 77.0946



27.0906, 16.1471, 54.5121



15.8172, 14.3611, 15.5977



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.



27.8295, 17.3976, 15.2561



45.6899, 25.5136, 17.7368



28.5598, 21.1180, 8.5334



10.7495, 10.6832, 11.6639



15.6005, 7.9898, 3.1060



0.7699, 0.3908, 0.3114

Inverse Universe

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



27.8295, 17.3976, 15.2561



45.6899, 25.5136, 17.7368



26.9959, 34.0087, 57.9647



10.7495, 10.6832, 11.6639



15.6005, 7.9898, 3.1060



0.7699, 0.3908, 0.3114

Previews

White Background



This preview shows how the XYZ color 27.8290, 17.3967, 15.2558 looks on a white background.

Color Contrast Check

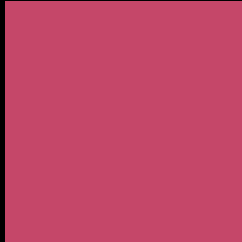
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8290, 17.3967, 15.2558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

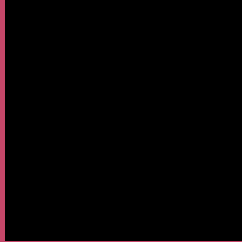
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8290, 17.3967, 15.2558

Background



This preview shows how black text looks on a background with the XYZ color 27.8290, 17.3967, 15.2558.



This preview shows how white text looks on a background with the XYZ color 27.8290, 17.3967,

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

27.8290, 17.3967, 15.2558

Protanopia

17.3449, 17.7473, 23.6305

Deuteranopia

17.8778, 17.5575, 14.2511



Tritanopia

26.5753, 17.3651, 9.7357

Trichromacy



Original Color

27.8290, 17.3967, 15.2558

Protanomaly

19.6854, 16.5146, 20.2393

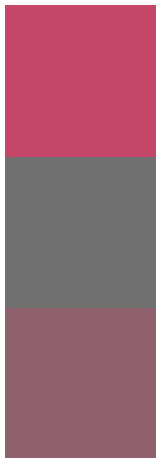
Deuteranomaly

20.5283, 16.6571, 14.4451

Tritanomaly

27.0592, 17.3715, 11.5997

Monochromacy



Original Color

27.8290, 17.3967, 15.2558

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

18.6838, 15.7904, 16.8150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8290, 17.3967, 15.2558 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(197, 71, 105)` looks like.

```
.text, #text, p{  
    color:rgb(197, 71, 105)  
}
```

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(197, 71, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 71, 105) }
```

Border

The CSS property to change the border of an element to XYZ 27.8290, 17.3967, 15.2558 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(197, 71, 105) }
```


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

```
.border{ border-color:rgb(197, 71, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 71, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 71, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 71, 105);  
box-shadow:4px 4px 4px 4px rgb(197, 71,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8290, 17.3967, 15.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 71, 105) }
```

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

```
.background{ background-color: rgb(197, 71,  
105) }
```

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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