

Converting Colors

XYZ(27.9438, 18.1969, 15.8040)

Have a look what the booklet for
XYZ(27.9438, 18.1969, 15.8040)
contains.

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Color

**XYZ(27.8316, 18.0915,
15.6608)**

Conversions

Conversions Part 1

Format	Color
Hex	C34E6A
RGB	195, 78, 106
RGB Percent	76%, 31%, 42%
CMY	0.2353, 0.6941, 0.5843
CMYK	0.00, 0.60, 0.46, 0.24
HSL	346°, 49%, 54%
HSV	346°, 60%, 76%
XYZ	27.8316, 18.0915, 15.6608
YIQ	116.1750, 60.7440, 33.5120

Conversions

Conversions Part 2

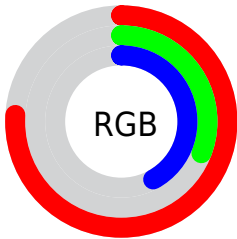
Format	Color
R_{YB}	195, 78, 106
Decimal	12799594
CIE _{Lab}	49.61, 49.24, 8.33
CIE _{LCh}	50, 49.935, 9.599
Yxy	18.0915, 0.4519, 0.2938
Android (android.graphics.Color)	4290989674 (0xFFC34E6A)
YUV	116.1750, -5.0163, 69.1295
Hunter-Lab	42.5341, 42.3643, 7.9437

Details

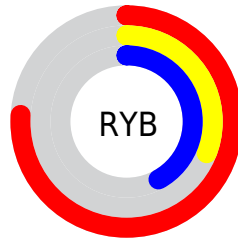
The XYZ color **27.8316, 18.0915, 15.6608** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **29.6332, 43.4404, 43.3852**, and the grayscale version is **16.6567, 17.5242, 19.0838**.

A 20% lighter version of the original color is **55.5771, 40.1968, 36.7278**, and **11.3388, 6.0999, 4.7174** is the 20% darker color. If you saturate the color by 10%, you get **25.9399, 15.4378, 11.5478**, and if you desaturate by 10%, it is **30.2684, 21.6219, 20.6142**.

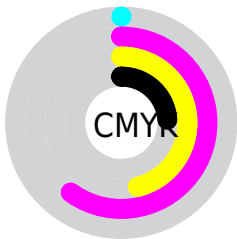
Distribution



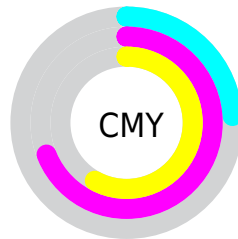
- Red (76%)
- Green (31%)
- Blue (42%)



- Red (76%)
- Yellow (31%)
- Blue (42%)



- Cyan (0%)
- Magenta (60%)
- Yellow (46%)
- Black (24%)



- Cyan (24%)
- Magenta (69%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8316, 18.0915, 15.6608 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 27.8316, 18.0915, 15.6608 by changing the saturation by 10% instead.

■ 27.8316, 18.0915,
15.6608

■ 27.8316, 18.0915,
15.6608

283.7561,
241.3863, 239.1087

■ 18.3386, 11.0157,
9.1327

■ 55.6260, 40.1932,
36.7669

■ 11.2945, 6.0774,
4.7298

■ 74.6581, 55.9878,
52.1820

■ 6.3340, 2.8922,
2.0337

■ 97.6005, 75.4576,
71.3964

■ 3.0918, 1.0757,
0.5759

■ 124.8187, 98.9868,
94.8288

■ 1.2025, 0.0000,
0.0000

■ 156.6780,
126.9599, 122.8977

■ 0.1083, 0.0000,
0.0000

193.5438,

■ 0.0000, 0.0000,

159.7612, 156.0217

0.0000

235.7813,
197.7752, 194.6191

■ 27.8316, 18.0915,
15.6608

■ 27.8316, 18.0915,
15.6608

■ 25.9399, 15.4378,
11.5478

■ 30.2684, 21.6219,
20.6142

■ 24.5475, 13.5800,
8.2256

■ 33.2882, 26.0944,
26.4516

■ 23.6030, 12.4275,
5.6403

■ 36.9270, 31.5718,
33.2146

■ 23.0121, 11.8048,
3.7196

■ 41.2175, 38.1102,
40.9420

■ 23.0119, 11.8046,
3.7190

■ 46.1901, 45.7620,
49.6699

■ 51.8732, 54.5757,
59.4330

■ 58.2935, 64.5973,
70.2640

■ 65.4765, 75.8700,
82.1942

■ 73.4462, 88.4351,
95.2537

Harmonies

Analogous

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



27.2242, 18.0915, 30.2638



27.8316, 18.0915, 15.6608



25.2126, 18.0915, 7.3101

Triad

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



27.8316, 18.0915, 15.6608



12.0182, 18.0915, 5.6594



14.2115, 18.0915, 55.6627

Complementary

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



27.8316, 18.0915, 15.6608



29.6332, 43.4404, 43.3852

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.



11.0883, 18.0915, 41.4452



27.8316, 18.0915, 15.6608



9.9927, 18.0915, 11.9322

Square

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



27.8316, 18.0915, 15.6608



15.7208, 18.0915, 3.5477



9.6868, 18.0915, 24.3768



18.7595, 18.0915, 58.2422

Rectangle

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



27.8316, 18.0915, 15.6608



22.2293, 18.0915, 4.6776



9.6868, 18.0915, 24.3768



12.9854, 18.0915, 51.8542

Sweetspot

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



27.8321, 18.0925, 15.6611



75.2625, 70.4654, 75.8831



28.2491, 17.4701, 53.5128



15.9416, 14.6037, 15.6584



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.



27.8321, 18.0925, 15.6611



45.5888, 26.4652, 18.6782



29.1654, 22.7209, 10.0574



10.1698, 10.1165, 10.9847



14.9845, 7.6835, 2.5644



0.6755, 0.3432, 0.2584

Inverse Universe

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



27.8321, 18.0925, 15.6611



45.5888, 26.4652, 18.6782



26.5839, 32.7423, 56.5485



10.1698, 10.1165, 10.9847



14.9845, 7.6835, 2.5644



0.6755, 0.3432, 0.2584

Previews

White Background



This preview shows how the XYZ color 27.8316, 18.0915, 15.6608 looks on a white background.

Color Contrast Check

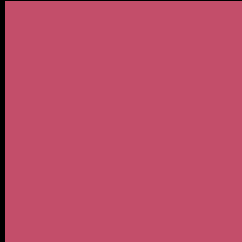
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8316, 18.0915, 15.6608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

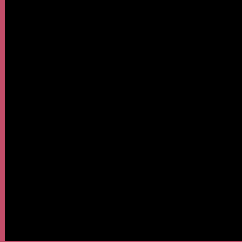
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.8316, 18.0915, 15.6608

Background



This preview shows how black text looks on a background with the XYZ color 27.8316, 18.0915, 15.6608.



This preview shows how white text looks on a background with the XYZ color 27.8316, 18.0915,

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

27.8316, 18.0915, 15.6608

Protanopia

17.8459, 18.3669, 23.0267

Deuteranopia

18.4709, 18.1890, 14.5939



Tritanopia

26.9857, 18.1920, 11.1059

Trichromacy



Original Color

27.8316, 18.0915, 15.6608

Protanomaly

20.0945, 17.1676, 20.0239

Deuteranomaly

20.9566, 17.4348, 14.8311

Tritanomaly

27.2109, 18.1623, 12.6612

Monochromacy



Original Color

27.8316, 18.0915, 15.6608

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

19.3531, 16.6923, 17.5312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8316, 18.0915, 15.6608 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(195, 78, 106)` looks like.

```
.text, #text, p{  
    color:rgb(195, 78, 106)  
}
```

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(195, 78, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 78, 106) }
```

Border

The CSS property to change the border of an element to XYZ 27.8316, 18.0915, 15.6608 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(195, 78, 106) }
```


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

```
.border{ border-color:rgb(195, 78, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 78, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 78, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 78, 106);  
box-shadow:4px 4px 4px 4px rgb(195, 78,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8316, 18.0915, 15.6608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 78, 106) }
```

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

```
.background{ background-color: rgb(195, 78,  
106) }
```

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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