

Converting Colors

XYZ(27.2863, 15.7391, 17.6651)

Have a look what the booklet for
XYZ(27.2863, 15.7391, 17.6651)
contains.

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Color

**XYZ(27.1684, 15.6830,
17.5148)**

Conversions

Conversions Part 1

Format	Color
Hex	C43772
RGB	196, 55, 114
RGB Percent	77%, 22%, 45%
CMY	0.2314, 0.7843, 0.5529
CMYK	0.00, 0.72, 0.42, 0.23
HSL	335°, 56%, 49%
HSV	335°, 72%, 77%
XYZ	27.1684, 15.6830, 17.5148
YIQ	103.8850, 65.0970, 48.2410

Conversions

Conversions Part 2

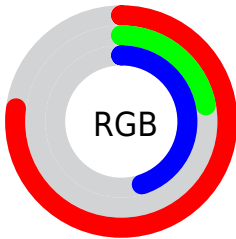
Format	Color
R _Y B	196, 55, 114
Decimal	12859250
CIE Lab	46.56, 59.73, -0.92
CIE LCh	47, 59.736, 359.122
Yxy	15.6830, 0.4501, 0.2598
Android (android.graphics.Color)	4291049330 (0xFFC43772)
YUV	103.8850, 4.9867, 80.7849
Hunter-Lab	39.6018, 53.1551, 1.4989

Details

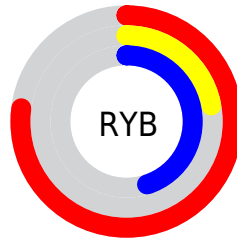
The XYZ color **27.1684, 15.6830, 17.5148** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **25.8319, 42.0987, 30.4343**, and the grayscale version is **13.1032, 13.7856, 15.0125**.

A 20% lighter version of the original color is **54.0281, 35.8234, 40.1434**, and **11.2999, 5.7117, 5.6612** is the 20% darker color. If you saturate the color by 10%, you get **25.8063, 13.9333, 14.0565**, and if you desaturate by 10%, it is **28.9818, 18.2059, 21.5228**.

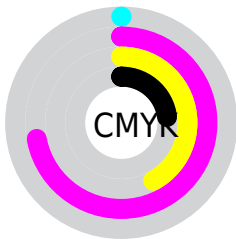
Distribution



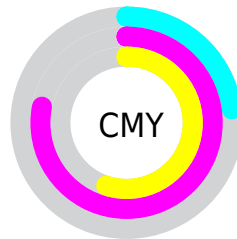
- Red (77%)
- Green (22%)
- Blue (45%)



- Red (77%)
- Yellow (22%)
- Blue (45%)



- Cyan (0%)
- Magenta (72%)
- Yellow (42%)
- Black (23%)





- Cyan (23%)
- Magenta (78%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1684, 15.6830, 17.5148 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 27.1684, 15.6830, 17.5148 by changing the saturation by 10% instead.


 27.1684, 15.6830,
17.5148


 27.1684, 15.6830,
17.5148


280.6243,
227.4638, 250.2654


 17.8370, 9.3001,
10.4364


 54.5720, 36.0470,
40.0115

 10.9320, 4.9375,
5.5799


 73.3748, 50.7969,
56.2669


 6.0881, 2.2106,
2.5267


 96.0655, 69.1046,
76.4183

 2.9399, 0.7258,
0.8543

 123.0094, 91.3545,
100.8844

 1.1220, 0.0000,
0.0000

 154.5719,
117.9310, 130.0836

 0.0434, 0.0000,
0.0000

191.1183,

 0.0000, 0.0000,

149.2184, 164.4344

0.0000

233.0140,
185.6012, 204.3555

■ 27.1684, 15.6830,
17.5148

■ 27.1684, 15.6830,
17.5148

■ 25.8063, 13.9333,
14.0565

■ 28.9818, 18.2059,
21.5228

■ 24.8445, 12.8595,
11.1160

■ 31.2872, 21.5787,
26.1074

■ 24.2882, 12.3451,
9.0869

■ 34.1217, 25.8716,
31.2946

■ 37.5185, 31.1469,
37.1078

■ 41.5079, 37.4612,
43.5694

■ 46.1180, 44.8668,
50.7002

■ 51.3750, 53.4125,
58.5201

■ 57.3035, 63.1442,
67.0484

■ 63.9269, 74.1052,
76.3031

Harmonies

Analogous

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



25.1282, 15.6830, 36.1689



27.1684, 15.6830, 17.5148



25.3439, 15.6830, 6.6555

Triad

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



27.1684, 15.6830, 17.5148



10.5860, 15.6830, 2.3482



10.3779, 15.6830, 54.8370

Complementary

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



27.1684, 15.6830, 17.5148



25.8319, 42.0987, 30.4343

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.



7.8185, 15.6830, 34.9405



27.1684, 15.6830, 17.5148



7.9177, 15.6830, 6.2615

Square

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



27.1684, 15.6830, 17.5148



15.0586, 15.6830, 1.5171



7.0326, 15.6830, 16.6448



14.7549, 15.6830, 64.0567

Rectangle

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



27.1684, 15.6830, 17.5148



22.3754, 15.6830, 3.3530



7.0326, 15.6830, 16.6448



9.3171, 15.6830, 48.7667

Sweetspot

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



27.1688, 15.6839, 17.5151



74.8753, 67.3548, 78.4238



21.3066, 11.8616, 53.3911



15.5795, 13.7057, 16.0732



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.



27.1688, 15.6839, 17.5151



45.7225, 24.0479, 22.4670



25.3112, 15.7247, 5.3166



10.2441, 10.1462, 11.3759



15.6472, 7.9486, 6.0540



0.7104, 0.3572, 0.4424

Inverse Universe

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



27.1688, 15.6839, 17.5151



45.7225, 24.0479, 22.4670



29.2255, 40.1694, 58.4377



10.2441, 10.1462, 11.3759



15.6472, 7.9486, 6.0540



0.7104, 0.3572, 0.4424

Previews

White Background



This preview shows how the XYZ color 27.1684, 15.6830, 17.5148 looks on a white background.

Color Contrast Check

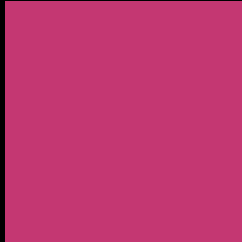
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1684, 15.6830, 17.5148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

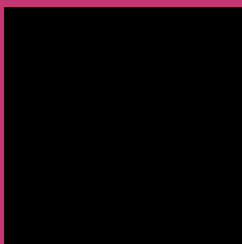
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.1684, 15.6830, 17.5148

Background



This preview shows how black text looks on a background with the XYZ color 27.1684, 15.6830, 17.5148.



This preview shows how white text looks on a background with the XYZ color 27.1684, 15.6830,

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

27.1684, 15.6830, 17.5148

Protanopia

16.2881, 16.0567, 30.2577

Deuteranopia

16.0799, 15.7879, 16.1098



Tritanopia

25.0460, 15.6761, 7.5001

Trichromacy



Original Color

27.1684, 15.6830, 17.5148

Protanomaly

18.2534, 14.3241, 25.0953

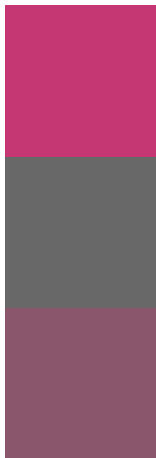
Deuteranomaly

18.8819, 14.5893, 16.5727

Tritanomaly

25.6505, 15.5865, 10.4607

Monochromacy



Original Color

27.1684, 15.6830, 17.5148

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

16.3511, 13.0567, 15.8457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1684, 15.6830, 17.5148 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, 55, 114)` looks like.

```
.text, #text, p{  
    color:rgb(196, 55, 114)  
}
```

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, 55, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 55, 114) }
```

Border

The CSS property to change the border of an element to XYZ 27.1684, 15.6830, 17.5148 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, 55, 114) }
```


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

```
.border{ border-color:rgb(196, 55, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 55, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 55, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 55, 114);  
box-shadow:4px 4px 4px 4px rgb(196, 55,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1684, 15.6830, 17.5148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 55, 114) }
```

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

```
.background{ background-color: rgb(196, 55,  
114) }
```

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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