

Converting Colors

XYZ(27.1623, 17.7073, 28.1258)

Have a look what the booklet for
XYZ(27.1623, 17.7073, 28.1258)
contains.

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Color

**XYZ(27.1180, 17.6656,
27.9671)**

Conversions

Conversions Part 1

Format	Color
Hex	B6508F
RGB	182, 80, 143
RGB Percent	71%, 31%, 56%
CMY	0.2863, 0.6863, 0.4392
CMYK	0.00, 0.56, 0.21, 0.29
HSL	323°, 41%, 51%
HSV	323°, 56%, 71%
XYZ	27.1180, 17.6656, 27.9671
YIQ	117.6800, 40.5690, 41.2170

Conversions

Conversions Part 2

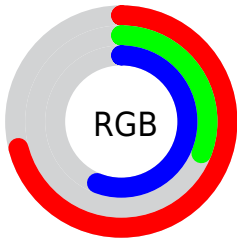
Format	Color
R _Y B	182, 80, 143
Decimal	11948175
CIE Lab	49.09, 48.61, -14.91
CIE LCh	49, 50.846, 342.945
Yxy	17.6656, 0.3728, 0.2428
Android (android.graphics.Color)	4290138255 (0xFFB6508F)
YUV	117.6800, 12.4828, 56.4086
Hunter-Lab	42.0305, 41.6146, -10.0303

Details

The XYZ color **27.1180, 17.6656, 27.9671** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **23.3669, 36.4938, 23.2670**, and the grayscale version is **17.0740, 17.9632, 19.5619**.

A 20% lighter version of the original color is **54.4008, 39.3315, 57.5478**, and **10.9066, 5.8792, 10.9159** is the 20% darker color. If you saturate the color by 10%, you get **25.4504, 15.1480, 24.8904**, and if you desaturate by 10%, it is **29.1802, 20.9198, 31.3371**.

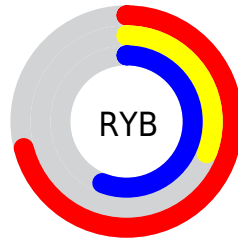
Distribution



Red (71%)

Green (31%)

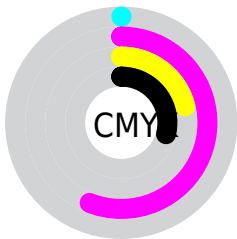
Blue (56%)



Red (71%)

Yellow (31%)

Blue (56%)

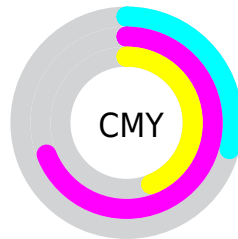


Cyan (0%)

Magenta (56%)

Yellow (21%)

Black (29%)



Cyan (29%)

Magenta (69%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1180, 17.6656, 27.9671 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 27.1180, 17.6656, 27.9671 by changing the saturation by 10% instead.

■ 27.1180, 17.6656,
27.9671

■ 27.1180, 17.6656,
27.9671

280.3851,
238.9794, 306.2167

■ 17.7989, 10.7102,
18.0620

■ 54.4917, 39.4667,
57.4544

■ 10.9045, 5.8723,
10.8246

■ 73.2770, 55.0811,
77.8737

■ 6.0695, 2.7676,
5.8364

■ 95.9485, 74.3507,
102.6348

■ 2.9284, 1.0116,
2.6787

■ 122.8714, 97.6598,
132.1563

■ 1.1160, 0.0000,
0.9327

■ 154.4112,
125.3928, 166.8567

■ 0.0385, 0.0000,
0.0000

190.9332,

■ 0.0000, 0.0000,

157.9342, 207.1545

0.0000

232.8027,
195.6682, 253.4683

■ 27.1180, 17.6656,
27.9671

■ 27.1180, 17.6656,
27.9671

■ 25.4504, 15.1480,
24.8904

■ 29.1802, 20.9198,
31.3371

■ 24.1455, 13.3044,
22.0929

■ 31.6626, 24.9612,
35.0112

■ 23.1683, 12.0661,
19.5602

■ 34.5904, 29.8392,
39.0007

■ 22.4737, 11.3431,
17.2740

■ 37.9862, 35.5982,
43.3158

■ 22.2389, 11.1241,
16.4238

■ 41.8710, 42.2794,
47.9663

■ 46.2646, 49.9214,
52.9612

■ 51.1857, 58.5609,
58.3093

■ 56.6518, 68.2322,
64.0189

■ 62.6799, 78.9683,
70.0980

Harmonies

Analogous

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



23.8100, 17.6656, 45.4230



27.1180, 17.6656, 27.9671



27.3519, 17.6656, 13.9521

Triad

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



27.1180, 17.6656, 27.9671



14.8274, 17.6656, 3.3495



10.9553, 17.6656, 43.1122

Complementary

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



27.1180, 17.6656, 27.9671



23.3669, 36.4938, 23.2670

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.



9.3724, 17.6656, 25.7065



27.1180, 17.6656, 27.9671



11.3073, 17.6656, 5.7421

Square

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



27.1180, 17.6656, 27.9671



19.6130, 17.6656, 3.5031



9.4877, 17.6656, 12.5406



14.2529, 17.6656, 56.6213

Rectangle

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



27.1180, 17.6656, 27.9671



25.6761, 17.6656, 8.2318



9.4877, 17.6656, 12.5406



10.2356, 17.6656, 37.2451

Sweetspot

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



27.1185, 17.6665, 27.9674



68.0531, 63.1474, 77.5227



18.7031, 12.9255, 45.7653



14.7488, 13.4670, 16.7701



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.1185, 17.6665, 27.9674



45.5936, 26.6663, 44.0234



24.1633, 16.4844, 12.4052



9.2314, 9.1029, 10.5661



15.7380, 7.8690, 11.7731



0.5840, 0.2891, 0.5687

Inverse Universe

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



27.1185, 17.6665, 27.9674



45.5936, 26.6663, 44.0234



27.1421, 38.0039, 43.1470



9.2314, 9.1029, 10.5661



15.7380, 7.8690, 11.7731



0.5840, 0.2891, 0.5687

Previews

White Background



This preview shows how the XYZ color 27.1180, 17.6656, 27.9671 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 27.1180, 17.6656, 27.9671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

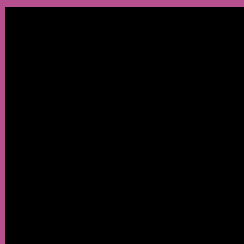
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.1180, 17.6656, 27.9671

Background



This preview shows how black text looks on a background with the XYZ color 27.1180, 17.6656, 27.9671.



This preview shows how white text looks on a background with the XYZ color 27.1180, 17.6656,

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

27.1180, 17.6656, 27.9671

Protanopia

18.5477, 17.8354, 40.0011

Deuteranopia

18.1404, 17.7627, 26.1394



Tritanopia

24.1739, 17.6404, 13.4401

Trichromacy



Original Color

27.1180, 17.6656, 27.9671

Protanomaly

20.3025, 16.7866, 35.4278

Deuteranomaly

20.5669, 17.1176, 26.6461

Tritanomaly

24.9555, 17.4542, 17.9733

Monochromacy



Original Color

27.1180, 17.6656, 27.9671

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.7656, 17.0957, 22.3367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1180, 17.6656, 27.9671 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(182, 80, 143)` looks like.

```
.text, #text, p{  
    color:rgb(182, 80, 143)  
}
```

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(182, 80, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 80, 143) }
```

Border

The CSS property to change the border of an element to XYZ 27.1180, 17.6656, 27.9671 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(182, 80, 143) }
```


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

```
.border{ border-color:rgb(182, 80, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 80, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 80, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 80, 143);  
box-shadow:4px 4px 4px 4px rgb(182, 80,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1180, 17.6656, 27.9671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 80, 143) }
```

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

```
.background{ background-color: rgb(182, 80,  
143) }
```

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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