

Converting Colors

XYZ(27.0861, 27.8268, 45.0180)

Have a look what the booklet for
XYZ(27.0861, 27.8268, 45.0180)
contains.

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Color

**XYZ(27.1698, 27.9064,
45.0288)**

Conversions

Conversions Part 1

Format	Color
Hex	8390B0
RGB	131, 144, 176
RGB Percent	51%, 56%, 69%
CMY	0.4863, 0.4353, 0.3098
CMYK	0.26, 0.18, 0.00, 0.31
HSL	223°, 22%, 60%
HSV	223°, 26%, 69%
XYZ	27.1698, 27.9064, 45.0288
YIQ	143.7610, -18.0200, 7.1960

Conversions

Conversions Part 2

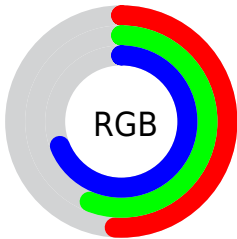
Format	Color
RYB	131, 141, 176
Decimal	8622256
CIELab	59.80, 2.63, -18.31
CIELCh	60, 18.498, 278.173
Yxy	27.9064, 0.2714, 0.2788
Android (android.graphics.Color)	4286812336 (0xFF8390B0)
YUV	143.7610, 15.8938, -11.1914
Hunter-Lab	52.8265, -0.6400, -13.5597

Details

The XYZ color **27.1698, 27.9064, 45.0288** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.0988, 37.0634, 26.7775**, and the grayscale version is **26.3572, 27.7298, 30.1978**.

A 20% lighter version of the original color is **54.7672, 56.5286, 84.3685**, and **10.8861, 11.1409, 20.3155** is the 20% darker color. If you saturate the color by 10%, you get **22.8804, 23.0360, 44.3153**, and if you desaturate by 10%, it is **32.1341, 33.4380, 45.8353**.

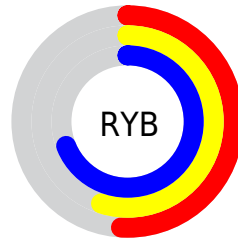
Distribution



Red (51%)

Green (56%)

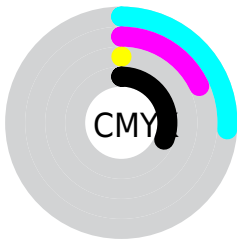
Blue (69%)



Red (51%)

Yellow (55%)

Blue (69%)

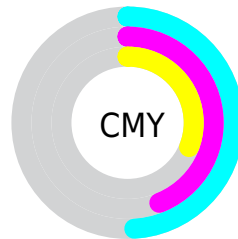


Cyan (26%)

Magenta (18%)

Yellow (0%)

Black (31%)



Cyan (49%)

Magenta (44%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1698, 27.9064, 45.0288 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 27.1698, 27.9064, 45.0288 by changing the saturation by 10% instead.

■ 27.1698, 27.9064,
45.0288

■ 27.1698, 27.9064,
45.0288

280.6309,
292.0194, 383.0537

■ 17.8380, 18.2551,
31.1370

■ 54.5742, 56.3350,
84.0825

■ 10.9328, 11.1333,
20.4439

■ 73.3775, 75.8810,
110.0815

■ 6.0886, 6.1566,
12.5308

■ 96.0688, 99.4942,
140.9534

■ 2.9402, 2.9405,
6.9794

123.0133,
127.5587, 177.1166

■ 1.1222, 1.1008,
3.3709

154.5764,
160.4592, 218.9897

■ 0.0436, 0.0000,
1.2870

191.1234,

■ 0.0000, 0.0000,

198.5798, 266.9912

0.0511

233.0198,
242.3051, 321.5397

■ 0.0000, 0.0000,
0.0000

■ 27.1698, 27.9064,
45.0288

■ 27.1698, 27.9064,
45.0288

■ 22.8804, 23.0360,
44.3153

■ 32.1341, 33.4380,
45.8353

■ 19.2332, 18.7979,
43.6894

■ 37.7991, 39.6518,
46.7361

■ 16.1963, 15.1655,
43.1484

■ 44.1920, 46.5718,
47.7349

■ 13.7342, 12.1093,
42.6883

■ 51.3383, 54.2199,
48.8345

■ 11.8072, 9.5968,
42.3049

■ 59.2617, 62.6169,
50.0376

■ 10.3702, 7.5919,
41.9936

■ 67.9851, 71.7829,
51.3471

■ 9.3677, 6.0520,
41.7492

■ 77.5305, 81.7371,
52.7653

■ 9.0138, 5.4892,
41.6592

■ 81.4646, 89.1707,
53.9928

■ 84.8366, 95.9146,
55.1168

Harmonies

Analogous

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



24.8842, 27.9064, 44.0048



27.1698, 27.9064, 45.0288



29.4070, 27.9064, 41.6985

Triad

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



27.1698, 27.9064, 45.0288



30.2257, 27.9064, 23.0887



22.5581, 27.9064, 25.8364

Complementary

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



27.1698, 27.9064, 45.0288



35.0988, 37.0634, 26.7775

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.



23.8363, 27.9064, 21.3293



27.1698, 27.9064, 45.0288



28.2347, 27.9064, 19.9132

Square

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



27.1698, 27.9064, 45.0288



31.2379, 27.9064, 28.5878



25.8889, 27.9064, 19.3202



22.3102, 27.9064, 32.2566

Rectangle

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



27.1698, 27.9064, 45.0288



30.5389, 27.9064, 37.7096



25.8889, 27.9064, 19.3202



22.8778, 27.9064, 24.0767

Sweetspot

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



27.1707, 27.9075, 45.0294



65.7868, 68.8945, 84.3259



31.4522, 38.5030, 40.1906



13.9203, 14.5621, 18.2214



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.1707, 27.9075, 45.0294



44.4853, 45.1944, 80.8741



26.7687, 24.9434, 44.4785



8.2354, 8.6169, 10.7355



6.6581, 4.1165, 30.5806



0.2609, 0.2323, 0.9793

Inverse Universe

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



31.0556, 27.4771, 30.0536



52.8880, 44.5664, 48.4148



35.5590, 40.9054, 27.4949



8.5940, 8.5443, 9.3604



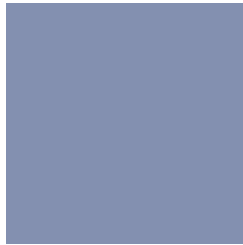
13.5953, 6.9557, 3.0291



0.4537, 0.2292, 0.2319

Previews

White Background



This preview shows how the XYZ color 27.1698, 27.9064, 45.0288 looks on a white 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

Black Background



This preview shows how the XYZ color 27.1698, 27.9064, 45.0288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

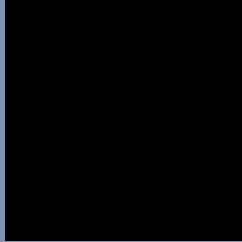
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

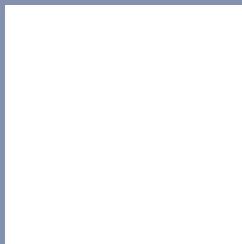
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1698, 27.9064, 45.0288

Background



This preview shows how black text looks on a background with the XYZ color 27.1698, 27.9064, 45.0288.

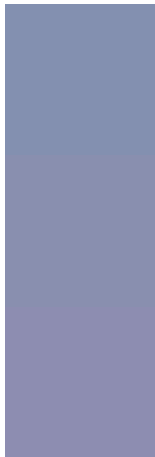


This preview shows how white text looks on a background with the XYZ color 27.1698, 27.9064,

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

27.1698, 27.9064, 45.0288

Protanopia

27.8769, 28.0584, 44.5040

Deuteranopia

28.4452, 27.8868, 45.4784



Tritanopia

25.5938, 27.9598, 36.8487

Trichromacy



Original Color

27.1698, 27.9064, 45.0288

Protanomaly

27.5520, 27.8910, 44.4888

Deuteranomaly

27.9253, 27.8387, 45.4966

Tritanomaly

26.1237, 27.9415, 39.6137

Monochromacy



Original Color

27.1698, 27.9064, 45.0288

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.6215, 27.8358, 35.4222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1698, 27.9064, 45.0288 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(131, 144, 176)` looks like.

```
.text, #text, p{  
    color:rgb(131, 144, 176)  
}
```

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(131, 144, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 144, 176) }
```

Border

The CSS property to change the border of an element to XYZ 27.1698, 27.9064, 45.0288 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(131, 144, 176) }
```


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

```
.border{ border-color:rgb(131, 144, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 144, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 144, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 144, 176);  
box-shadow:4px 4px 4px 4px rgb(131, 144,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1698, 27.9064, 45.0288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 144, 176) }
```

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

```
.background{ background-color: rgb(131,  
144, 176) }
```

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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