

Converting Colors

XYZ(27.0986, 25.2026, 56.6248)

Have a look what the booklet for
XYZ(27.0986, 25.2026, 56.6248)
contains.

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Color

**XYZ(27.1848, 25.2879,
56.8743)**

Conversions

Conversions Part 1

Format	Color
Hex	7E85C6
RGB	126, 133, 198
RGB Percent	49%, 52%, 78%
CMY	0.5059, 0.4784, 0.2235
CMYK	0.36, 0.33, 0.00, 0.22
HSL	234°, 39%, 64%
HSV	234°, 36%, 78%
XYZ	27.1848, 25.2879, 56.8743
YIQ	138.3170, -25.0370, 18.7310

Conversions

Conversions Part 2

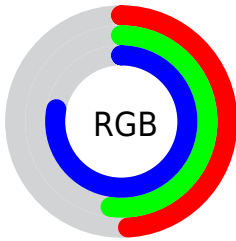
Format	Color
RYB	126, 132, 198
Decimal	8291782
CIELab	57.35, 13.25, -34.60
CIElCh	57, 37.046, 290.952
Yxy	25.2879, 0.2486, 0.2313
Android (android.graphics.Color)	4286481862 (0xFF7E85C6)
YUV	138.3170, 29.4237, -10.8020
Hunter-Lab	50.2871, 8.4933, -31.8556

Details

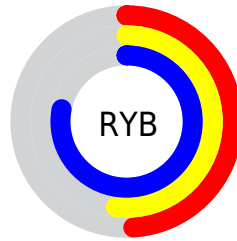
The XYZ color **27.1848, 25.2879, 56.8743** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.6862, 50.7748, 27.1325**, and the grayscale version is **24.1772, 25.4363, 27.7001**.

A 20% lighter version of the original color is **54.6650, 52.1616, 101.7948**, and **10.9520, 9.7707, 27.6943** is the 20% darker color. If you saturate the color by 10%, you get **22.3064, 19.4444, 56.0040**, and if you desaturate by 10%, it is **33.0592, 32.2641, 57.9117**.

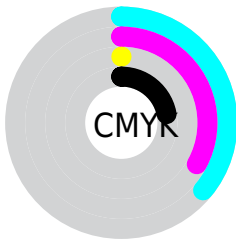
Distribution



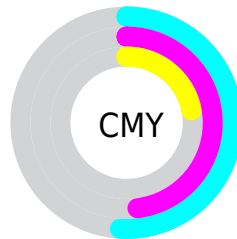
- Red (49%)
- Green (52%)
- Blue (78%)



- Red (49%)
- Yellow (52%)
- Blue (78%)



- Cyan (36%)
- Magenta (33%)
- Yellow (0%)
- Black (22%)



- Cyan (51%)
- Magenta (48%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1848, 25.2879, 56.8743 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 27.1848, 25.2879, 56.8743 by changing the saturation by 10% instead.

■ 27.1848, 25.2879,
56.8743

■ 27.1848, 25.2879,
56.8743

280.7020,
279.2687, 430.4587

■ 17.8494, 16.2917,
40.4956

■ 54.5981, 52.1239,
101.7803

■ 10.9409, 9.7308,
27.6085

■ 73.4066, 70.7325,
131.1447

■ 6.0941, 5.2208,
17.7943

■ 96.1036, 93.3139,
165.6747

■ 2.9436, 2.3774,
10.6345

123.0543,
120.2527, 205.7889

■ 1.1240, 0.8142,
5.7105

154.6242,
151.9332, 251.9059

■ 0.0451, 0.0000,
2.6040

191.1785,

■ 0.0000, 0.0000,

188.7397, 304.4442

0.8945

233.0827,
231.0568, 363.8222

■ 0.0000, 0.0000,
0.0000

■ 27.1848, 25.2879,
56.8743

■ 27.1848, 25.2879,
56.8743

■ 22.3064, 19.4444,
56.0040

■ 33.0592, 32.2641,
57.9117

■ 18.3661, 14.6709,
55.2903

■ 39.9781, 40.4256,
59.1224

■ 15.3040, 10.9030,
54.7244

■ 47.9899, 49.8250,
60.5144

■ 13.0520, 8.0682,
54.2959

■ 57.1390, 60.5110,
62.0947

■ 11.5320, 6.0839,
53.9930

■ 67.4677, 72.5295,
63.8702

■ 10.6472, 4.8515,
53.8018

■ 79.0160, 85.9245,
65.8470

■ 10.4302, 4.5514,
53.7553

■ 87.1931, 96.8572,
67.5263

Harmonies

Analogous

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



22.7312, 25.2879, 59.0070



27.1848, 25.2879, 56.8743



31.2117, 25.2879, 45.7621

Triad

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



27.1848, 25.2879, 56.8743



29.7601, 25.2879, 12.6939



16.6203, 25.2879, 23.9020

Complementary

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



27.1848, 25.2879, 56.8743



45.6862, 50.7748, 27.1325

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.



18.0531, 25.2879, 14.9315



27.1848, 25.2879, 56.8743



25.3886, 25.2879, 9.8853

Square

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



27.1848, 25.2879, 56.8743



32.8199, 25.2879, 19.7567



21.1391, 25.2879, 10.5560



16.9775, 25.2879, 37.1242

Rectangle

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



27.1848, 25.2879, 56.8743



32.9383, 25.2879, 36.2094



21.1391, 25.2879, 10.5560



16.9014, 25.2879, 20.3687

Sweetspot

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



27.1857, 25.2889, 56.8749



77.9197, 79.9566, 105.9341



38.1810, 48.5772, 56.5395



16.2631, 16.6271, 22.6021



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.



27.1857, 25.2889, 56.8749



40.8504, 36.0564, 99.4143



31.1341, 25.9489, 56.7942



10.1383, 10.4506, 13.4003



6.8121, 3.0181, 34.9679



0.3515, 0.2009, 1.6654

Inverse Universe

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



34.9840, 28.6220, 25.8719



56.8408, 43.1683, 35.7805



40.3659, 50.3523, 27.3313



10.6751, 10.6534, 11.2721



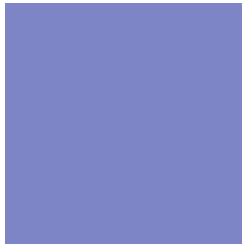
15.2378, 7.8447, 1.1960



0.7361, 0.3773, 0.1337

Previews

White Background



This preview shows how the XYZ color 27.1848, 25.2879, 56.8743 looks on a white background.

Color Contrast Check

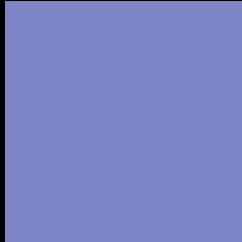
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1848, 25.2879, 56.8743 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 27.1848, 25.2879, 56.8743

Background



This preview shows how black text looks on a background with the XYZ color 27.1848, 25.2879, 56.8743.



This preview shows how white text looks on a background with the XYZ color 27.1848, 25.2879,

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

27.1848, 25.2879, 56.8743

Protanopia

26.2918, 25.2111, 58.1241

Deuteranopia

25.8216, 25.2169, 56.3297



Tritanopia

22.6252, 25.3589, 33.8393

Trichromacy



Original Color

27.1848, 25.2879, 56.8743

Protanomaly

26.5796, 25.1668, 57.4896

Deuteranomaly

26.2132, 25.2107, 56.3079

Tritanomaly

24.1398, 25.3229, 41.1516

Monochromacy



Original Color

27.1848, 25.2879, 56.8743

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.9808, 25.2147, 36.8080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1848, 25.2879, 56.8743 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(126, 133, 198)` looks like.

```
.text, #text, p{  
    color:rgb(126, 133, 198)  
}
```

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(126, 133, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 133, 198) }
```

Border

The CSS property to change the border of an element to XYZ 27.1848, 25.2879, 56.8743 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(126, 133, 198) }
```


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

```
.border{ border-color:rgb(126, 133, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 133, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 133, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 133, 198);  
box-shadow:4px 4px 4px 4px rgb(126, 133,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1848, 25.2879, 56.8743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 133, 198) }
```

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

```
.background{ background-color: rgb(126,  
133, 198) }
```

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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