

Converting Colors

XYZ(26.8452, 27.6490, 46.3051)

Have a look what the booklet for
XYZ(26.8452, 27.6490, 46.3051)
contains.

XYZ(27.0120, 27.7904, 46.5882)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.0120, 27.7904,
46.5882)**

Conversions

Conversions Part 1

Format	Color
Hex	8090B3
RGB	128, 144, 179
RGB Percent	50%, 56%, 70%
CMY	0.4980, 0.4353, 0.2980
CMYK	0.28, 0.20, 0.00, 0.30
HSL	221°, 25%, 60%
HSV	221°, 28%, 70%
XYZ	27.0120, 27.7904, 46.5882
YIQ	143.2060, -20.7710, 7.4930

Conversions

Conversions Part 2

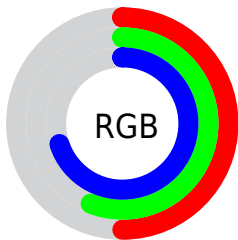
Format	Color
RYB	128, 140, 179
Decimal	8425651
CIELab	59.70, 2.44, -20.19
CIELCh	60, 20.340, 276.902
Yxy	27.7904, 0.2664, 0.2741
Android (android.graphics.Color)	4286615731 (0xFF8090B3)
YUV	143.2060, 17.6464, -13.3357
Hunter-Lab	52.7166, -0.7906, -15.4958

Details

The XYZ color **27.0120, 27.7904, 46.5882** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.5842, 37.3367, 25.7540**, and the grayscale version is **26.1290, 27.4898, 29.9364**.

A 20% lighter version of the original color is **54.4809, 56.3314, 86.5989**, and **10.8292, 11.0895, 21.3084** is the 20% darker color. If you saturate the color by 10%, you get **22.7931, 23.0027, 45.8869**, and if you desaturate by 10%, it is **31.9101, 33.2301, 47.3805**.

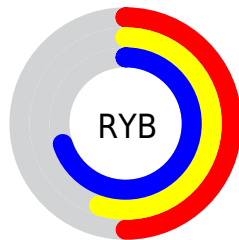
Distribution



Red (50%)

Green (56%)

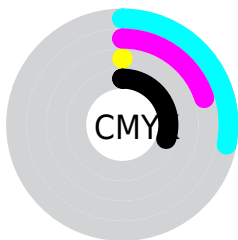
Blue (70%)



Red (50%)

Yellow (55%)

Blue (70%)

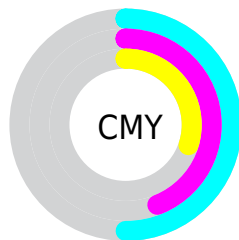


Cyan (28%)

Magenta (20%)

Yellow (0%)

Black (30%)



Cyan (50%)

Magenta (44%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0120, 27.7904, 46.5882 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 27.0120, 27.7904, 46.5882 by changing the saturation by 10% instead.

■ 27.0120, 27.7904,
46.5882

■ 27.0120, 27.7904,
46.5882

279.8817,
291.4640, 389.5145

■ 17.7189, 18.1677,
32.3582

■ 54.3229, 56.1496,
86.4421

■ 10.8468, 11.0705,
21.3682

■ 73.0713, 75.6550,
112.9032

■ 6.0304, 6.1143,
13.1995

■ 95.7023, 99.2233,
144.2783

■ 2.9044, 2.9147,
7.4337

122.5811,
127.2391, 180.9861

■ 1.1034, 1.0874,
3.6523

154.0730,
160.0866, 223.4451

■ 0.0280, 0.0000,
1.4366

190.5436,

■ 0.0000, 0.0000,

198.1504, 272.0738

0.1700

232.3580,
241.8147, 327.2907

■ 0.0000, 0.0000,
0.0000

■ 27.0120, 27.7904,
46.5882

■ 27.0120, 27.7904,
46.5882

■ 22.7931, 23.0027,
45.8869

■ 31.9101, 33.2301,
47.3805

■ 19.2193, 18.8379,
45.2714

■ 37.5141, 39.3427,
48.2650

■ 16.2576, 15.2695,
44.7387

■ 43.8523, 46.1523,
49.2453

■ 13.8705, 12.2676,
44.2851

■ 50.9508, 53.6806,
50.3243

■ 12.0162, 9.7994,
43.9064

■ 58.8342, 61.9486,
51.5047

■ 10.6466, 7.8277,
43.5980

■ 67.5261, 70.9762,
52.7890

■ 9.6844, 6.2998,
43.3538

■ 77.0492, 80.7825,
54.1799

■ 9.5588, 6.0988,
43.3217

■ 81.2106, 88.1823,
55.3889

■ 84.9960, 95.7531,
56.6507

Harmonies

Analogous

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



24.5231, 27.7904, 45.2262



27.0120, 27.7904, 46.5882



29.4923, 27.7904, 43.0401

Triad

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



27.0120, 27.7904, 46.5882



30.5642, 27.7904, 22.5347



22.1258, 27.7904, 25.0415

Complementary

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



27.0120, 27.7904, 46.5882



35.5842, 37.3367, 25.7540

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.



23.5576, 27.7904, 20.2975



27.0120, 27.7904, 46.5882



28.3996, 27.7904, 19.0225

Square

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



27.0120, 27.7904, 46.5882



31.6275, 27.7904, 28.5906



25.8248, 27.7904, 18.2755



21.8073, 27.7904, 31.9911

Rectangle

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



27.0120, 27.7904, 46.5882



30.7719, 27.7904, 38.6603



25.8248, 27.7904, 18.2755



22.4881, 27.7904, 23.1726

Sweetspot

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



27.0129, 27.7915, 46.5888



66.4824, 69.6991, 86.3304



31.6202, 39.4689, 40.5322



14.3933, 15.0776, 19.0739



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.0129, 27.7915, 46.5888



43.6403, 44.4201, 82.6550



26.2305, 24.0417, 45.9063



8.2523, 8.6508, 10.7412



6.8069, 4.4141, 30.6302



0.2678, 0.2460, 0.9816

Inverse Universe

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



31.3443, 27.0364, 29.9533



52.7378, 43.2074, 47.6309



36.5189, 42.3063, 26.6640



8.6025, 8.5477, 9.4055



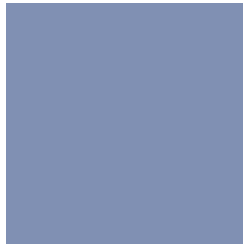
13.6705, 6.9857, 3.4246



0.4572, 0.2306, 0.2502

Previews

White Background



This preview shows how the XYZ color 27.0120, 27.7904, 46.5882 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 27.0120, 27.7904, 46.5882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

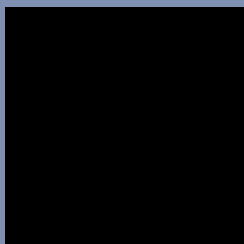
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0120, 27.7904, 46.5882

Background



This preview shows how black text looks on a background with the XYZ color 27.0120, 27.7904, 46.5882.

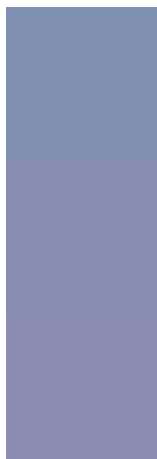


This preview shows how white text looks on a background with the XYZ color 27.0120, 27.7904,

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

27.0120, 27.7904, 46.5882

Protanopia

27.7006, 27.7113, 46.0083

Deuteranopia

28.4106, 27.8340, 47.0551



Tritanopia

25.0039, 27.6557, 36.8211

Trichromacy



Original Color

27.0120, 27.7904, 46.5882

Protanomaly

27.3741, 27.7648, 46.0359

Deuteranomaly

27.9029, 27.7922, 47.0738

Tritanomaly

25.6193, 27.6709, 40.0671

Monochromacy



Original Color

27.0120, 27.7904, 46.5882

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.3044, 27.4485, 35.3642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0120, 27.7904, 46.5882 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(128, 144, 179)` looks like.

```
.text, #text, p{  
    color:rgb(128, 144, 179)  
}
```

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(128, 144, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 144, 179) }
```

Border

The CSS property to change the border of an element to XYZ 27.0120, 27.7904, 46.5882 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(128, 144, 179) }
```


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

```
.border{ border-color:rgb(128, 144, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 144, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 144, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 144, 179); box-shadow:4px 4px 4px 4px rgb(128, 144, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0120, 27.7904, 46.5882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 144, 179) }
```

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

```
.background{ background-color: rgb(128,  
144, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor