

Converting Colors

XYZ(26.9473, 24.3707, 56.7098)

Have a look what the booklet for
XYZ(26.9473, 24.3707, 56.7098)
contains.

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Color

**XYZ(26.9454, 24.3669,
56.7092)**

Conversions

Conversions Part 1

Format	Color
Hex	8081C6
RGB	128, 129, 198
RGB Percent	50%, 51%, 78%
CMY	0.4980, 0.4941, 0.2235
CMYK	0.35, 0.35, 0.00, 0.22
HSL	239°, 38%, 64%
HSV	239°, 35%, 78%
XYZ	26.9454, 24.3669, 56.7092
YIQ	136.5670, -22.7450, 21.2470

Conversions

Conversions Part 2

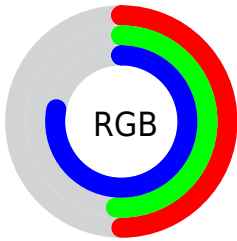
Format	Color
R _Y B	128, 129, 198
Decimal	8421830
CIE Lab	56.45, 16.16, -35.99
CIE LCh	56, 39.457, 294.183
Yxy	24.3669, 0.2494, 0.2256
Android (android.graphics.Color)	4286611910 (0xFF8081C6)
YUV	136.5670, 30.2865, -7.5133
Hunter-Lab	49.3628, 11.0518, -33.5598

Details

The XYZ color **26.9454, 24.3669, 56.7092** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.1521, 53.4978, 28.2641**, and the grayscale version is **23.5111, 24.7355, 26.9369**.

A 20% lighter version of the original color is **54.3064, 50.7432, 101.5399**, and **10.8044, 9.2468, 27.6009** is the 20% darker color. If you saturate the color by 10%, you get **21.9227, 18.3192, 55.8070**, and if you desaturate by 10%, it is **33.0420, 31.6981, 57.8034**.

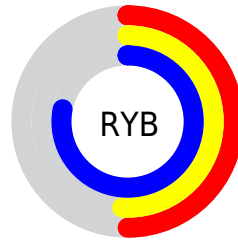
Distribution



Red (50%)

Green (51%)

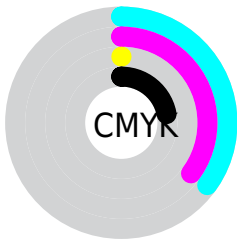
Blue (78%)



Red (50%)

Yellow (51%)

Blue (78%)

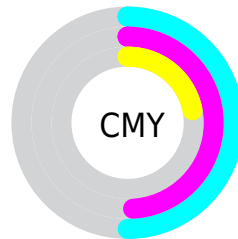


Cyan (35%)

Magenta (35%)

Yellow (0%)

Black (22%)



Cyan (50%)

Magenta (49%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9454, 24.3669, 56.7092 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 26.9454, 24.3669, 56.7092 by changing the saturation by 10% instead.

■ 26.9454, 24.3669,
56.7092

■ 26.9454, 24.3669,
56.7092

279.5650,
274.6702, 429.8219

■ 17.6686, 15.6060,
40.3640

■ 54.2167, 50.6283,
101.5369

■ 10.8106, 9.2458,
27.5065

■ 72.9420, 68.8975,
130.8564

■ 6.0059, 4.9018,
17.7182

■ 95.5474, 91.1051,
165.3378

■ 2.8894, 2.1898,
10.5805

122.3984,
117.6352, 205.3997

■ 1.0955, 0.7144,
5.6749

153.8603,
148.8724, 251.4605

■ 0.0214, 0.0000,
2.5829

190.2985,

■ 0.0000, 0.0000,

185.2010, 303.9387

0.8836

232.0783,
227.0055, 363.2530

■ 0.0000, 0.0000,
0.0000

■ 26.9454, 24.3669,
56.7092

■ 26.9454, 24.3669,
56.7092

■ 21.9227, 18.3192,
55.8070

■ 33.0420, 31.6981,
57.8034

■ 17.9093, 13.4785,
55.0842

■ 40.2668, 40.3777,
59.0979

■ 14.8377, 9.7648,
54.5293

■ 48.6738, 50.4695,
60.6027

■ 12.6311, 7.0871,
54.1287

■ 58.3125, 62.0327,
62.3266

■ 11.2008, 5.3403,
53.8670

■ 69.2299, 75.1228,
64.2779

■ 10.4386, 4.3971,
53.7251

■ 81.4701, 89.7926,
66.4643

■ 10.2238, 4.1386,
53.6865

■ 87.1931, 96.8573,
67.5263

Harmonies

Analogous

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



22.2816, 24.3669, 60.2255



26.9454, 24.3669, 56.7092



31.0325, 24.3669, 44.1310

Triad

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



26.9454, 24.3669, 56.7092



28.6864, 24.3669, 10.9208



15.4785, 24.3669, 24.0639

Complementary

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



26.9454, 24.3669, 56.7092



47.1521, 53.4978, 28.2641

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.



16.7461, 24.3669, 14.3709



26.9454, 24.3669, 56.7092



24.0612, 24.3669, 8.5563

Square

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



26.9454, 24.3669, 56.7092



32.1266, 24.3669, 17.5077



19.7469, 24.3669, 9.5706



16.0394, 24.3669, 38.2203

Rectangle

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



26.9454, 24.3669, 56.7092



32.6744, 24.3669, 33.9910



19.7469, 24.3669, 9.5706



15.6991, 24.3669, 20.2518

Sweetspot

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



26.9463, 24.3678, 56.7098



77.2778, 78.6728, 105.7201



39.1559, 49.0016, 60.1183



16.1116, 16.3242, 22.5517



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.



26.9463, 24.3678, 56.7098



41.0600, 35.1373, 99.2258



32.7796, 27.1806, 56.9452



10.0686, 10.3113, 13.3771



6.6541, 2.7021, 34.9152



0.3194, 0.1366, 1.6547

Inverse Universe

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



34.9711, 29.0301, 24.5299



57.2733, 44.5921, 34.2020



39.4354, 49.8576, 27.9682



10.6399, 10.6394, 11.0871



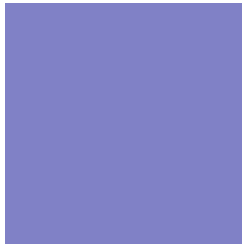
15.1580, 7.8128, 0.7760



0.7199, 0.3708, 0.0483

Previews

White Background



This preview shows how the XYZ color 26.9454, 24.3669, 56.7092 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 26.9454, 24.3669, 56.7092 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 26.9454, 24.3669, 56.7092

Background



This preview shows how black text looks on a background with the XYZ color 26.9454, 24.3669, 56.7092.



This preview shows how white text looks on a background with the XYZ color 26.9454, 24.3669,

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

26.9454, 24.3669, 56.7092

Protanopia

25.6122, 24.4368, 58.6252

Deuteranopia

25.0335, 24.3964, 56.2129



Tritanopia

22.0738, 24.4492, 32.4099

Trichromacy



Original Color

26.9454, 24.3669, 56.7092

Protanomaly

26.1478, 24.5242, 57.9991

Deuteranomaly

25.6654, 24.3157, 56.1640

Tritanomaly

23.5242, 24.1829, 39.9871

Monochromacy



Original Color

26.9454, 24.3669, 56.7092

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.6146, 24.6217, 36.2560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9454, 24.3669, 56.7092 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, 129, 198)` looks like.

```
.text, #text, p{  
    color:rgb(128, 129, 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(128, 129, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 129, 198) }
```

Border

The CSS property to change the border of an element to XYZ 26.9454, 24.3669, 56.7092 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, 129, 198) }
```


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

```
.border{ border-color:rgb(128, 129, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 129, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 129, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 129, 198);  
box-shadow:4px 4px 4px 4px rgb(128, 129,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9454, 24.3669, 56.7092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 129, 198) }
```

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

```
.background{ background-color: rgb(128,  
129, 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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