

Converting Colors

$Y_{xy}(26.8557, 0.2296, 0.2571)$

Have a look what the booklet for
Yxy(26.8557, 0.2296, 0.2571)
contains.

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Color

Yxy(26.7479, 0.2294, 0.2560)

Conversions

Conversions Part 1

Format	Color
Hex	5893C0
RGB	88, 147, 192
RGB Percent	35%, 58%, 75%
CMY	0.6551, 0.4235, 0.2471
CMYK	0.54, 0.23, 0.00, 0.25
HSL	206°, 45%, 55%
HSV	206°, 54%, 75%
XYZ	23.9686, 26.7479, 53.7675
YIQ	134.4890, -49.6090, 1.4870

Conversions

Conversions Part 2

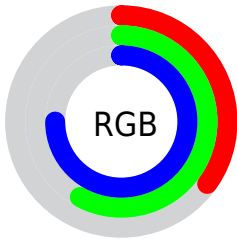
Format	Color
R _Y B	88, 126, 192
Decimal	5804992
CIE Lab	58.74, -6.26, -29.22
CIE LCh	59, 29.884, 257.899
Yxy	26.7479, 0.2294, 0.2560
Android (android.graphics.Color)	4283995072 (0xFF5893C0)
YUV	134.4890, 28.3529, -40.7709
Hunter-Lab	51.7184, -7.7822, -25.4362

Details

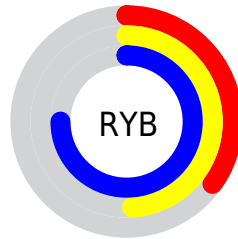
The Yxy color **26.7479, 0.2294, 0.2560** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **28.6682, 0.4330, 0.3894**, and the grayscale version is **23.9332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5421, 0.2455, 0.2706**, and **10.5786, 0.2034, 0.2329** is the 20% darker color. If you saturate the color by 10%, you get **23.4430, 0.2160, 0.2395**, and if you desaturate by 10%, it is **30.4877, 0.2440, 0.2718**.

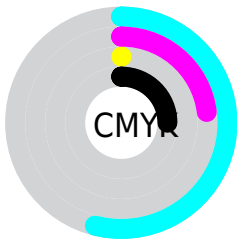
Distribution



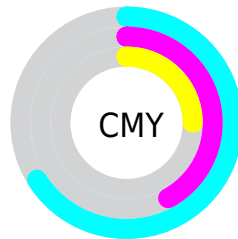
- Red (35%)
- Green (58%)
- Blue (75%)



- Red (35%)
- Yellow (49%)
- Blue (75%)



- Cyan (54%)
- Magenta (23%)
- Yellow (0%)
- Black (25%)



- Cyan (66%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7479, 0.2294, 0.2560 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 Yxy color 26.7479, 0.2294, 0.2560 by changing the saturation by 10% instead.

■ 26.7479, 0.2294,
0.2560

■ 26.7479, 0.2294,
0.2560

■ 286.4344, 0.2733,
0.2953

■ 17.3840, 0.2179,
0.2454

■ 54.4791, 0.2458,
0.2709

■ 10.5086, 0.2028,
0.2314

■ 73.6151, 0.2519,
0.2763

■ 5.7375, 0.1826,
0.2121

■ 96.7773, 0.2569,
0.2808

■ 2.6861, 0.1542,
0.1844

■ 124.3500, 0.2612,
0.2846

■ 0.9701, 0.1129,
0.1429

■ 156.7177, 0.2649,
0.2879

■ 0.0000, 0.0000,
0.0000

194.2647, 0.2681,

0.2907

237.3755, 0.2709,
0.2932

■ 26.7479, 0.2294,
0.2560

■ 26.7479, 0.2294,
0.2560

■ 23.4430, 0.2160,
0.2395

■ 30.4877, 0.2440,
0.2718

■ 20.5465, 0.2043,
0.2228

■ 34.6810, 0.2594,
0.2867

■ 18.0323, 0.1946,
0.2060

■ 39.3485, 0.2751,
0.3005

■ 15.8686, 0.1871,
0.1898

■ 44.5085, 0.2909,
0.3131

■ 14.7395, 0.1835,
0.1805

■ 50.1783, 0.3064,
0.3246

■ 56.3741, 0.3213,
0.3348

■ 63.1114, 0.3357,
0.3439

■ 70.4050, 0.3493,
0.3519

■ 77.1621, 0.3578,
0.3594

Harmonies

Analogous

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



26.7479, 0.2216, 0.2827



26.7479, 0.2294, 0.2560



26.7479, 0.2576, 0.2491

Triad

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



26.7479, 0.2294, 0.2560



26.7479, 0.3955, 0.3229



26.7479, 0.3167, 0.4127

Complementary

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



26.7479, 0.2294, 0.2560



28.6682, 0.4330, 0.3894

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.



26.7479, 0.3651, 0.4190



26.7479, 0.2294, 0.2560



26.7479, 0.4132, 0.3627

Square

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



26.7479, 0.2294, 0.2560



26.7479, 0.3535, 0.2866



26.7479, 0.4011, 0.3983



26.7479, 0.2694, 0.3770

Rectangle

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



26.7479, 0.2294, 0.2560



26.7479, 0.2860, 0.2548



26.7479, 0.4011, 0.3983



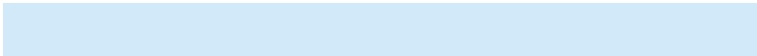
26.7479, 0.3334, 0.4183

Sweetspot

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



26.7489, 0.2294, 0.2560



78.6435, 0.2876, 0.3106



41.4179, 0.2795, 0.4289



16.4480, 0.2844, 0.3081



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



26.7489, 0.2294, 0.2560



41.4529, 0.2137, 0.2365



14.3576, 0.2120, 0.1713



10.6755, 0.2984, 0.3188



10.0754, 0.1840, 0.1825



0.5702, 0.1940, 0.2185

Inverse Universe

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



20.2846, 0.3779, 0.2514



30.4792, 0.3996, 0.2387



45.9125, 0.3956, 0.4485



10.1715, 0.3202, 0.3160



8.2994, 0.4655, 0.2338



0.3722, 0.4249, 0.2114

Previews

White Background



This preview shows how the Yxy color 26.7479, 0.2294, 0.2560 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 Yxy color 26.7479, 0.2294, 0.2560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

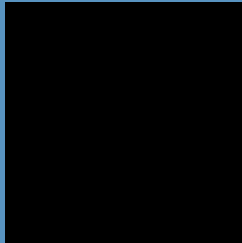
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7479, 0.2294, 0.2560

Background



This preview shows how black text looks on a background with the Yxy color 26.7479, 0.2294, 0.2560.

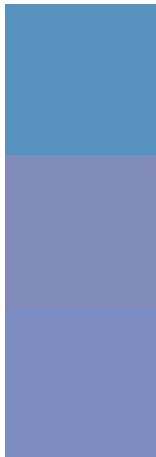


This preview shows how white text looks on a background with the Yxy color 26.7479, 0.2294, 0.2560.

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

26.7479, 0.2294, 0.2560

Protanopia

26.5996, 0.2602, 0.2563

Deuteranopia

26.6454, 0.2511, 0.2452



Tritanopia

26.7565, 0.2422, 0.3075

Trichromacy



Original Color

26.7479, 0.2294, 0.2560

Protanomaly

26.4876, 0.2472, 0.2562

Deuteranomaly

26.5758, 0.2424, 0.2492

Tritanomaly

26.6625, 0.2376, 0.2876

Monochromacy



Original Color

26.7479, 0.2294, 0.2560

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.6137, 0.2753, 0.3014

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7479, 0.2294, 0.2560 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(88, 147, 192)` looks like.

```
.text, #text, p{  
    color:rgb(88, 147, 192)  
}
```

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(88, 147, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 147, 192) }
```

Border

The CSS property to change the border of an element to Yxy 26.7479, 0.2294, 0.2560 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(88, 147, 192) }
```

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

```
.border{ border-color:rgb(88, 147, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 147, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 147, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 147, 192);  
box-shadow:4px 4px 4px 4px rgb(88, 147,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7479, 0.2294, 0.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 147, 192) }
```

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

```
.background{ background-color: rgb(88, 147,  
192) }
```

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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