

Converting Colors

$Y_{xy}(26.5976, 0.2228, 0.2482)$

Have a look what the booklet for
Yxy(26.5976, 0.2228, 0.2482)
contains.

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Color

Yxy(26.6480, 0.2229, 0.2484)

Conversions

Conversions Part 1

Format	Color
Hex	5193C5
RGB	81, 147, 197
RGB Percent	32%, 58%, 77%
CMY	0.6820, 0.4236, 0.2274
CMYK	0.59, 0.25, 0.00, 0.23
HSL	206°, 50%, 55%
HSV	206°, 59%, 77%
XYZ	23.9124, 26.6480, 56.7182
YIQ	132.9660, -55.3860, 1.5580

Conversions

Conversions Part 2

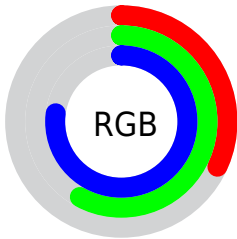
Format	Color
R _Y B	81, 123, 197
Decimal	5346245
CIE Lab	58.65, -6.11, -32.22
CIE LCh	59, 32.795, 259.262
Yxy	26.6480, 0.2229, 0.2484
Android (android.graphics.Color)	4283536325 (0xFF5193C5)
YUV	132.9660, 31.5688, -45.5742
Hunter-Lab	51.6217, -7.6525, -29.0084

Details

The Yxy color **26.6480, 0.2229, 0.2484** 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 **28.7349, 0.4472, 0.3935**, and the grayscale version is **23.3489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4180, 0.2405, 0.2648**, and **10.5326, 0.1952, 0.2227** is the 20% darker color. If you saturate the color by 10%, you get **23.3528, 0.2103, 0.2318**, and if you desaturate by 10%, it is **30.3932, 0.2370, 0.2645**.

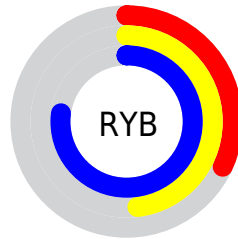
Distribution



Red (32%)

Green (58%)

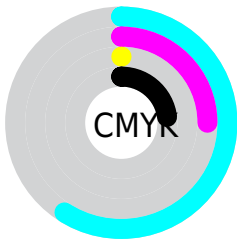
Blue (77%)



Red (32%)

Yellow (48%)

Blue (77%)

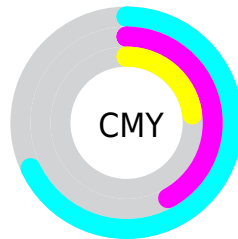


Cyan (59%)

Magenta (25%)

Yellow (0%)

Black (23%)



Cyan (68%)

Magenta (42%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6480, 0.2229, 0.2484 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 26.6480, 0.2229, 0.2484 by changing the saturation by 10% instead.

■ 26.6480, 0.2229,
0.2484

■ 26.6480, 0.2229,
0.2484

285.9487, 0.2701,
0.2916

■ 17.3090, 0.2107,
0.2369

■ 54.3185, 0.2404,
0.2647

■ 10.4551, 0.1948,
0.2217

■ 73.4188, 0.2469,
0.2706

■ 5.7017, 0.1736,
0.2012

■ 96.5417, 0.2524,
0.2756

■ 2.6646, 0.1443,
0.1721

■ 124.0716, 0.2570,
0.2798

■ 0.9592, 0.1028,
0.1297

156.3929, 0.2609,
0.2834

■ 0.0000, 0.0000,
0.0000

193.8899, 0.2644,

0.2865

236.9470, 0.2674,
0.2892

■ 26.6480, 0.2229,
0.2484

■ 26.6480, 0.2229,
0.2484

■ 23.3528, 0.2103,
0.2318

■ 30.3932, 0.2370,
0.2645

■ 20.4779, 0.1995,
0.2150

■ 34.6094, 0.2521,
0.2799

■ 17.9936, 0.1908,
0.1984

■ 39.3193, 0.2677,
0.2942

■ 15.8514, 0.1842,
0.1824

■ 44.5431, 0.2835,
0.3074

■ 15.6179, 0.1835,
0.1805

■ 50.2998, 0.2992,
0.3194

■ 56.6069, 0.3145,
0.3302

■ 63.4815, 0.3291,
0.3398

■ 70.9395, 0.3431,
0.3483

■ 78.3435, 0.3538,
0.3560

Harmonies

Analogous

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



26.6480, 0.2134, 0.2761



26.6480, 0.2229, 0.2484



26.6480, 0.2542, 0.2422

Triad

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



26.6480, 0.2229, 0.2484



26.6480, 0.4054, 0.3238



26.6480, 0.3141, 0.4206

Complementary

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



26.6480, 0.2229, 0.2484



28.7349, 0.4472, 0.3935

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.



26.6480, 0.3674, 0.4283



26.6480, 0.2229, 0.2484



26.6480, 0.4231, 0.3670

Square

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



26.6480, 0.2229, 0.2484



26.6480, 0.3598, 0.2843



26.6480, 0.4081, 0.4058



26.6480, 0.2630, 0.3797

Rectangle

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



26.6480, 0.2229, 0.2484



26.6480, 0.2855, 0.2490



26.6480, 0.4081, 0.4058



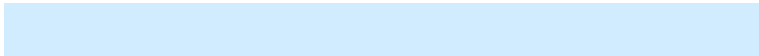
26.6480, 0.3324, 0.4271

Sweetspot

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



26.6490, 0.2229, 0.2484



80.3154, 0.2844, 0.3081



43.2906, 0.2779, 0.4396



16.5749, 0.2798, 0.3044



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



26.6490, 0.2229, 0.2484



40.0631, 0.2065, 0.2263



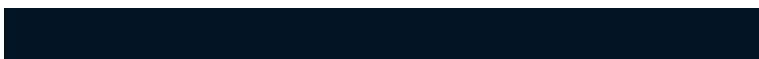
13.2256, 0.2026, 0.1558



11.2713, 0.2983, 0.3188



10.4389, 0.1841, 0.1826



0.6362, 0.1934, 0.2162

Inverse Universe

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



19.8778, 0.3862, 0.2457



29.3197, 0.4116, 0.2338



48.1619, 0.4020, 0.4570



10.7363, 0.3202, 0.3159



8.5938, 0.4654, 0.2338



0.4212, 0.4274, 0.2128

Previews

White Background



This preview shows how the Yxy color 26.6480, 0.2229, 0.2484 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 26.6480, 0.2229, 0.2484 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

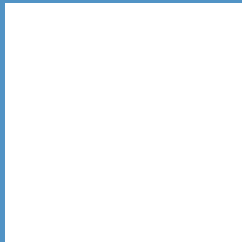
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.6480, 0.2229, 0.2484

Background



This preview shows how black text looks on a background with the Yxy color 26.6480, 0.2229, 0.2484.

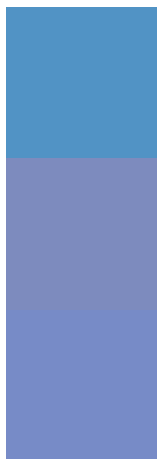


This preview shows how white text looks on a background with the Yxy color 26.6480, 0.2229, 0.2484.

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

26.6480, 0.2229, 0.2484

Protanopia

26.5429, 0.2547, 0.2505

Deuteranopia

26.5107, 0.2438, 0.2380



Tritanopia

26.7280, 0.2365, 0.3073

Trichromacy



Original Color

26.6480, 0.2229, 0.2484

Protanomaly

26.4475, 0.2410, 0.2489

Deuteranomaly

26.4265, 0.2351, 0.2418

Tritanomaly

26.7240, 0.2312, 0.2841

Monochromacy



Original Color

26.6480, 0.2229, 0.2484

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.1547, 0.2715, 0.2977

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6480, 0.2229, 0.2484 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(81, 147, 197)` looks like.

```
.text, #text, p{  
    color:rgb(81, 147, 197)  
}
```

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(81, 147, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 147, 197) }
```

Border

The CSS property to change the border of an element to Yxy 26.6480, 0.2229, 0.2484 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(81, 147, 197) }
```

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

```
.border{ border-color:rgb(81, 147, 197) }
```

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

Here you see how a box with a 4 pixel rgb(81, 147, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 147, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 147, 197);  
box-shadow:4px 4px 4px 4px rgb(81, 147,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6480, 0.2229, 0.2484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 147, 197) }
```

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

```
.background{ background-color: rgb(81, 147,  
197) }
```

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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