

Converting Colors

$Yxy(26.6384, 0.2465, 0.2803)$

Have a look what the booklet for
Yxy(26.6384, 0.2465, 0.2803)
contains.

Yxy(26.6547, 0.2463, 0.2804)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.6547, 0.2463, 0.2804)

Conversions

Conversions Part 1

Format	Color
Hex	6393B0
RGB	99, 147, 176
RGB Percent	39%, 58%, 69%
CMY	0.6119, 0.4235, 0.3098
CMYK	0.44, 0.16, 0.00, 0.31
HSL	203°, 33%, 54%
HSV	203°, 44%, 69%
XYZ	23.4132, 26.6547, 44.9917
YIQ	135.9540, -37.9170, -1.1570

Conversions

Conversions Part 2

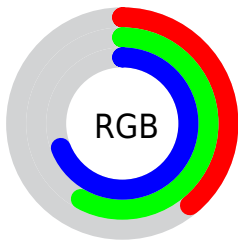
Format	Color
R _Y B	99, 129, 176
Decimal	6525872
CIE Lab	58.65, -8.35, -20.25
CIE LCh	59, 21.907, 247.597
Yxy	26.6547, 0.2463, 0.2804
Android (android.graphics.Color)	4284715952 (0xFF6393B0)
YUV	135.9540, 19.7427, -32.4087
Hunter-Lab	51.6282, -9.4003, -15.5289

Details

The Yxy color **26.6547, 0.2463, 0.2804** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **25.5605, 0.4058, 0.3721**, and the grayscale version is **24.5353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3718, 0.2595, 0.2904**, and **10.3537, 0.2240, 0.2623** is the 20% darker color. If you saturate the color by 10%, you get **23.7688, 0.2324, 0.2669**, and if you desaturate by 10%, it is **29.8774, 0.2611, 0.2931**.

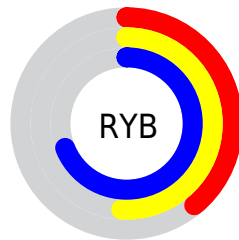
Distribution



Red (39%)

Green (58%)

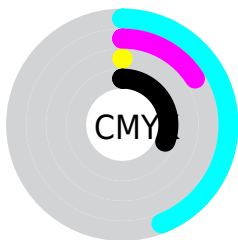
Blue (69%)



Red (39%)

Yellow (51%)

Blue (69%)

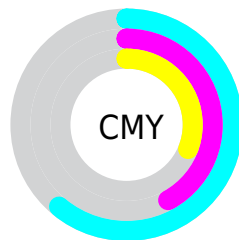


Cyan (44%)

Magenta (16%)

Yellow (0%)

Black (31%)



Cyan (61%)

Magenta (42%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6547, 0.2463, 0.2804 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 26.6547, 0.2463, 0.2804 by changing the saturation by 10% instead.

■ 26.6547, 0.2463,
0.2804

■ 26.6547, 0.2463,
0.2804

■ 285.9813, 0.2817,
0.3071

■ 17.3141, 0.2368,
0.2729

■ 54.3293, 0.2597,
0.2907

■ 10.4587, 0.2241,
0.2628

■ 73.4320, 0.2646,
0.2944

■ 5.7041, 0.2067,
0.2484

■ 96.5575, 0.2686,
0.2974

■ 2.6660, 0.1812,
0.2266

■ 124.0903, 0.2720,
0.3000

■ 0.9600, 0.1405,
0.1908

■ 156.4147, 0.2750,
0.3022

■ 0.0000, 0.0000,
0.0000

193.9150, 0.2775,

0.3040

236.9758, 0.2798,
0.3057

■ 26.6547, 0.2463,
0.2804

■ 26.6547, 0.2463,
0.2804

■ 23.7688, 0.2324,
0.2669

■ 29.8774, 0.2611,
0.2931

■ 21.2004, 0.2198,
0.2529

■ 33.4485, 0.2763,
0.3049

■ 18.9327, 0.2089,
0.2385

■ 37.3831, 0.2917,
0.3157

■ 16.9452, 0.1998,
0.2241

■ 41.6938, 0.3070,
0.3256

■ 15.2140, 0.1929,
0.2099

■ 46.3930, 0.3220,
0.3344

■ 14.2352, 0.1892,
0.2012

■ 51.4922, 0.3364,
0.3422

■ 57.0024, 0.3502,
0.3492

■ 62.9342, 0.3633,
0.3553

■ 68.8453, 0.3738,
0.3609

Harmonies

Analogous

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



26.6547, 0.2462, 0.3059



26.6547, 0.2463, 0.2804



26.6547, 0.2629, 0.2692

Triad

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



26.6547, 0.2463, 0.2804



26.6547, 0.3644, 0.3151



26.6547, 0.3292, 0.3934

Complementary

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



26.6547, 0.2463, 0.2804



25.5605, 0.4058, 0.3721

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.



26.6547, 0.3627, 0.3921



26.6547, 0.2463, 0.2804



26.6547, 0.3842, 0.3453

Square

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



26.6547, 0.2463, 0.2804



26.6547, 0.3303, 0.2893



26.6547, 0.3833, 0.3734



26.6547, 0.2926, 0.3742

Rectangle

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



26.6547, 0.2463, 0.2804



26.6547, 0.2817, 0.2701



26.6547, 0.3833, 0.3734



26.6547, 0.3412, 0.3952

Sweetspot

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



26.6557, 0.2463, 0.2804



68.2012, 0.2926, 0.3163



35.2441, 0.2870, 0.4126



14.4313, 0.2892, 0.3141



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



26.6557, 0.2463, 0.2804



43.0275, 0.2322, 0.2667



16.7724, 0.2350, 0.2134



9.0832, 0.2986, 0.3202



10.5582, 0.1896, 0.2027



0.4400, 0.2006, 0.2419

Inverse Universe

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



20.2544, 0.3545, 0.2598



30.8858, 0.3685, 0.2451



37.3096, 0.3823, 0.4227



8.5914, 0.3193, 0.3149



7.6060, 0.4423, 0.2210



0.2502, 0.4003, 0.1979

Previews

White Background



This preview shows how the Yxy color 26.6547, 0.2463, 0.2804 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 26.6547, 0.2463, 0.2804 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

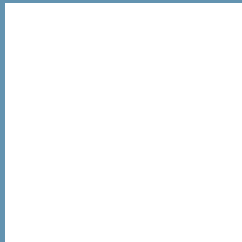
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.6547, 0.2463, 0.2804

Background



This preview shows how black text looks on a background with the Yxy color 26.6547, 0.2463, 0.2804.



This preview shows how white text looks on a background with the Yxy color 26.6547, 0.2463, 0.2804.

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

26.6547, 0.2463, 0.2804

Protanopia

26.4738, 0.2777, 0.2783

Deuteranopia

26.5422, 0.2726, 0.2668



Tritanopia

26.5364, 0.2537, 0.3062

Trichromacy



Original Color

26.6547, 0.2463, 0.2804

Protanomaly

26.4281, 0.2647, 0.2787

Deuteranomaly

26.3617, 0.2622, 0.2712

Tritanomaly

26.4566, 0.2506, 0.2962

Monochromacy



Original Color

26.6547, 0.2463, 0.2804

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.2015, 0.2847, 0.3101

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6547, 0.2463, 0.2804 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(99, 147, 176)` looks like.

```
.text, #text, p{  
    color:rgb(99, 147, 176)  
}
```

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(99, 147, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 147, 176) }
```

Border

The CSS property to change the border of an element to Yxy 26.6547, 0.2463, 0.2804 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(99, 147, 176) }
```

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

```
.border{ border-color:rgb(99, 147, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 147, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 147, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 147, 176);  
box-shadow:4px 4px 4px 4px rgb(99, 147,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6547, 0.2463, 0.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 147, 176) }
```

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

```
.background{ background-color: rgb(99, 147,  
176) }
```

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