

Converting Colors

$Y_{xy}(25.4952, 0.2609, 0.2919)$

Have a look what the booklet for
Yxy(25.4952, 0.2609, 0.2919)
contains.

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Color

Yxy(25.5765, 0.2616, 0.2931)

Conversions

Conversions Part 1

Format	Color
Hex	6D8FA4
RGB	109, 143, 164
RGB Percent	43%, 56%, 64%
CMY	0.5727, 0.4392, 0.3568
CMYK	0.34, 0.13, 0.00, 0.36
HSL	203°, 23%, 54%
HSV	203°, 34%, 64%
XYZ	22.8277, 25.5765, 38.8578
YIQ	135.2280, -27.0050, -0.6770

Conversions

Conversions Part 2

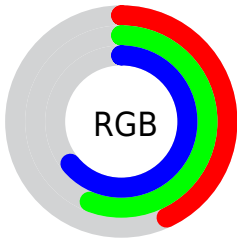
Format	Color
R _Y B	109, 130, 164
Decimal	7180196
CIE Lab	57.63, -6.59, -14.91
CIE LCh	58, 16.299, 246.171
Yxy	25.5765, 0.2616, 0.2931
Android (android.graphics.Color)	4285370276 (0xFF6D8FA4)
YUV	135.2280, 14.1846, -23.0020
Hunter-Lab	50.5732, -7.9318, -10.1540

Details

The Yxy color **25.5765, 0.2616, 0.2931** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.9544, 0.3780, 0.3621**, and the grayscale version is **24.2702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7284, 0.2722, 0.3012**, and **9.9284, 0.2444, 0.2808** is the 20% darker color. If you saturate the color by 10%, you get **22.8060, 0.2468, 0.2803**, and if you desaturate by 10%, it is **28.6479, 0.2768, 0.3050**.

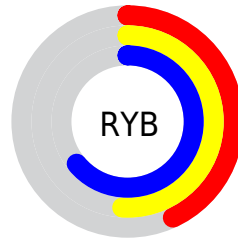
Distribution



Red (43%)

Green (56%)

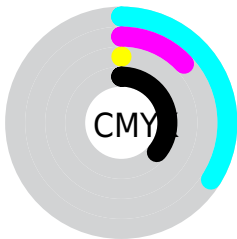
Blue (64%)



Red (43%)

Yellow (51%)

Blue (64%)

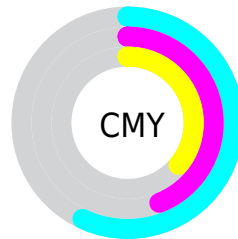


Cyan (34%)

Magenta (13%)

Yellow (0%)

Black (36%)



Cyan (57%)

Magenta (44%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5765, 0.2616, 0.2931 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 25.5765, 0.2616, 0.2931 by changing the saturation by 10% instead.

■ 25.5765, 0.2616,
0.2931

■ 25.5765, 0.2616,
0.2931

■ 280.6969, 0.2892,
0.3130

■ 16.5071, 0.2540,
0.2874

■ 52.5909, 0.2722,
0.3008

■ 9.8837, 0.2437,
0.2796

■ 71.3048, 0.2760,
0.3036

■ 5.3219, 0.2292,
0.2683

■ 94.0022, 0.2791,
0.3059

■ 2.4373, 0.2072,
0.2506

■ 121.0676, 0.2818,
0.3078

■ 0.8450, 0.1676,
0.2204

■ 152.8853, 0.2841,
0.3094

■ 0.0000, 0.0000,
0.0000

189.8399, 0.2860,

0.3107

232.3156, 0.2877,
0.3120

■ 25.5765, 0.2616,
0.2931

■ 25.5765, 0.2616,
0.2931

■ 22.8060, 0.2468,
0.2803

■ 28.6479, 0.2768,
0.3050

■ 20.3208, 0.2329,
0.2668

■ 32.0288, 0.2922,
0.3159

■ 18.1085, 0.2202,
0.2526

■ 35.7311, 0.3074,
0.3257

■ 16.1538, 0.2092,
0.2381

■ 39.7652, 0.3222,
0.3346

■ 14.4398, 0.2000,
0.2236

■ 44.1407, 0.3366,
0.3425

■ 12.9464, 0.1929,
0.2092

■ 48.8671, 0.3503,
0.3495

■ 12.0714, 0.1889,
0.2001

■ 53.9533, 0.3633,
0.3557

■ 59.4078, 0.3755,
0.3611

■ 64.9381, 0.3857,
0.3660

Harmonies

Analogous

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



25.5765, 0.2622, 0.3132



25.5765, 0.2616, 0.2931



25.5765, 0.2739, 0.2835

Triad

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



25.5765, 0.2616, 0.2931



25.5765, 0.3506, 0.3177



25.5765, 0.3269, 0.3772

Complementary

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



25.5765, 0.2616, 0.2931



24.9544, 0.3780, 0.3621

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.



25.5765, 0.3517, 0.3763



25.5765, 0.2616, 0.2931



25.5765, 0.3660, 0.3409

Square

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



25.5765, 0.2616, 0.2931



25.5765, 0.3248, 0.2978



25.5765, 0.3663, 0.3624



25.5765, 0.2991, 0.3635

Rectangle

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



25.5765, 0.2616, 0.2931



25.5765, 0.2882, 0.2835



25.5765, 0.3663, 0.3624



25.5765, 0.3359, 0.3786

Sweetspot

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



25.5775, 0.2616, 0.2931



60.3295, 0.2973, 0.3193



31.3915, 0.2923, 0.3896



12.9978, 0.2953, 0.3180



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



25.5775, 0.2616, 0.2931



42.7499, 0.2509, 0.2840



18.4929, 0.2556, 0.2451



7.5550, 0.2987, 0.3202



9.3492, 0.1893, 0.2015



0.2834, 0.2036, 0.2531

Inverse Universe

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



20.8083, 0.3423, 0.2767



33.2577, 0.3509, 0.2654



32.9985, 0.3653, 0.4009



7.1561, 0.3193, 0.3152



6.7879, 0.4436, 0.2218



0.1514, 0.3892, 0.1918

Previews

White Background



This preview shows how the Yxy color 25.5765, 0.2616, 0.2931 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 25.5765, 0.2616, 0.2931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

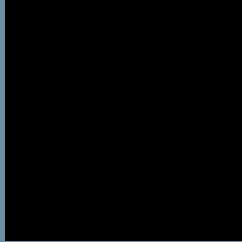
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

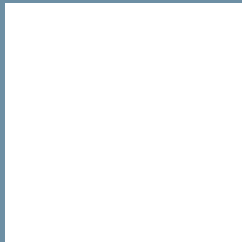
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.5765, 0.2616, 0.2931

Background



This preview shows how black text looks on a background with the Yxy color 25.5765, 0.2616, 0.2931.



This preview shows how white text looks on a background with the Yxy color 25.5765, 0.2616, 0.2931.

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

25.5765, 0.2616, 0.2931

Protanopia

25.4977, 0.2872, 0.2915

Deuteranopia

25.4844, 0.2856, 0.2796



Tritanopia

25.4726, 0.2664, 0.3079

Trichromacy



Original Color

25.5765, 0.2616, 0.2931

Protanomaly

25.3984, 0.2777, 0.2924

Deuteranomaly

25.4056, 0.2760, 0.2847

Tritanomaly

25.6379, 0.2649, 0.3030

Monochromacy



Original Color

25.5765, 0.2616, 0.2931

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.6879, 0.2921, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5765, 0.2616, 0.2931 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(109, 143, 164)` looks like.

```
.text, #text, p{  
    color:rgb(109, 143, 164)  
}
```

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(109, 143, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 143, 164) }
```

Border

The CSS property to change the border of an element to Yxy 25.5765, 0.2616, 0.2931 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(109, 143, 164) }
```

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

```
.border{ border-color:rgb(109, 143, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 143, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 143, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 143, 164);  
box-shadow:4px 4px 4px 4px rgb(109, 143,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5765, 0.2616, 0.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 143, 164) }
```

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

```
.background{ background-color: rgb(109,  
143, 164) }
```

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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