

Converting Colors

$Y_{xy}(28.6459, 0.2391, 0.2532)$

Have a look what the booklet for
Yxy(28.6459, 0.2391, 0.2532)
contains.

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Color

Yxy(28.7603, 0.2391, 0.2535)

Conversions

Conversions Part 1

Format	Color
Hex	6C95C6
RGB	108, 149, 198
RGB Percent	42%, 58%, 78%
CMY	0.5765, 0.4157, 0.2234
CMYK	0.45, 0.25, 0.00, 0.22
HSL	213°, 44%, 60%
HSV	213°, 45%, 78%
XYZ	27.1266, 28.7603, 57.5660
YIQ	142.3270, -40.1650, 6.5470

Conversions

Conversions Part 2

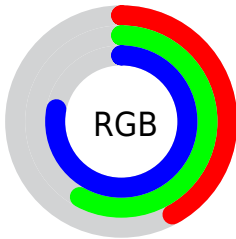
Format	Color
RYB	108, 136, 198
Decimal	7116230
CIELab	60.57, -0.84, -29.70
CIELCh	61, 29.716, 268.372
Yxy	28.7603, 0.2391, 0.2535
Android (android.graphics.Color)	4285306310 (0xFF6C95C6)
YUV	142.3270, 27.4468, -30.1048
Hunter-Lab	53.6286, -3.5608, -26.1030

Details

The Yxy color **28.7603, 0.2391, 0.2535** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **37.2142, 0.4022, 0.3932**, and the grayscale version is **27.0878, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.7184, 0.2534, 0.2683**, and **11.6942, 0.2162, 0.2305** is the 20% darker color. If you saturate the color by 10%, you get **24.4018, 0.2231, 0.2331**, and if you desaturate by 10%, it is **33.7189, 0.2557, 0.2728**.

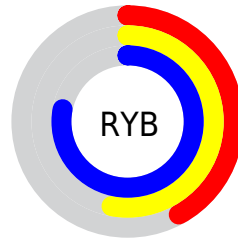
Distribution



Red (42%)

Green (58%)

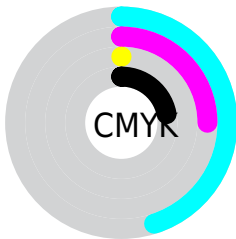
Blue (78%)



Red (42%)

Yellow (53%)

Blue (78%)

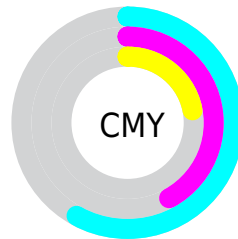


Cyan (45%)

Magenta (25%)

Yellow (0%)

Black (22%)



Cyan (58%)

Magenta (42%)

Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7603, 0.2391, 0.2535 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 28.7603, 0.2391, 0.2535 by changing the saturation by 10% instead.

 28.7603, 0.2391,
0.2535


 28.7603, 0.2391,
0.2535


 296.0823, 0.2778,
0.2933


 18.8996, 0.2290,
0.2431


 57.6960, 0.2535,
0.2684

 11.5977, 0.2158,
0.2295


 77.5398, 0.2588,
0.2738


 6.4704, 0.1981,
0.2111


 101.4801, 0.2633,
0.2784

 3.1332, 0.1731,
0.1851

 129.9012, 0.2670,
0.2823

 1.2016, 0.1366,
0.1469

 163.1876, 0.2703,
0.2856

 0.0630, 0.0141,
0.0226

 201.7237, 0.2731,

 0.0000, 0.0000,

0.2885

0.0000

245.8938, 0.2756,
0.2910

■ 28.7603, 0.2391,
0.2535

■ 28.7603, 0.2391,
0.2535

■ 24.4018, 0.2231,
0.2331

■ 33.7189, 0.2557,
0.2728

■ 20.6124, 0.2083,
0.2120

■ 39.3001, 0.2723,
0.2907

■ 17.3623, 0.1952,
0.1908

■ 45.5290, 0.2887,
0.3070

■ 14.6170, 0.1844,
0.1702

■ 52.4281, 0.3044,
0.3217

■ 12.3357, 0.1761,
0.1508

■ 60.0190, 0.3194,
0.3347

■ 11.4237, 0.1729,
0.1424

■ 68.3218, 0.3335,
0.3463

■ 77.3561, 0.3466,
0.3565

■ 84.9104, 0.3506,
0.3665

■ 91.2833, 0.3484,
0.3767

Harmonies

Analogous

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



28.7603, 0.2243, 0.2729



28.7603, 0.2391, 0.2535



28.7603, 0.2728, 0.2532

Triad

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



28.7603, 0.2391, 0.2535



28.7603, 0.4022, 0.3367



28.7603, 0.2999, 0.4008

Complementary

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



28.7603, 0.2391, 0.2535



37.2142, 0.4022, 0.3932

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.



28.7603, 0.3480, 0.4175



28.7603, 0.2391, 0.2535



28.7603, 0.4093, 0.3750

Square

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



28.7603, 0.2391, 0.2535



28.7603, 0.3684, 0.2993



28.7603, 0.3886, 0.4057



28.7603, 0.2572, 0.3592

Rectangle

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



28.7603, 0.2391, 0.2535



28.7603, 0.3033, 0.2625



28.7603, 0.3886, 0.4057



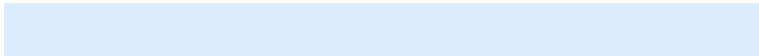
28.7603, 0.3159, 0.4097

Sweetspot

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



28.7614, 0.2391, 0.2535



82.0643, 0.2907, 0.3089



45.9908, 0.2768, 0.3931



17.0199, 0.2872, 0.3055



0.0000, 0.0000, 0.0000



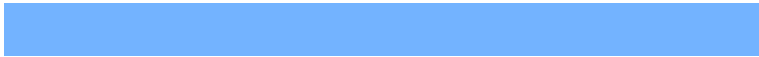
21.4041, 0.3127, 0.3290

Same Dimension

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



28.7614, 0.2391, 0.2535



42.9388, 0.2226, 0.2324



18.1812, 0.2301, 0.1892



11.0699, 0.2983, 0.3161



7.5932, 0.1736, 0.1448



0.5039, 0.1847, 0.1851

Inverse Universe

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



24.9034, 0.3769, 0.2754



36.7041, 0.3996, 0.2645



53.0911, 0.3768, 0.4404



10.7159, 0.3220, 0.3185



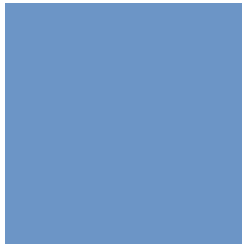
8.3065, 0.5127, 0.2598



0.4079, 0.4625, 0.2322

Previews

White Background



This preview shows how the Yxy color 28.7603, 0.2391, 0.2535 looks on a white background.

Color Contrast Check

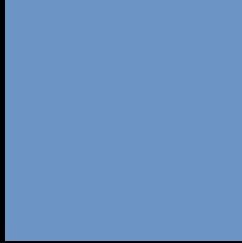
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7603, 0.2391, 0.2535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

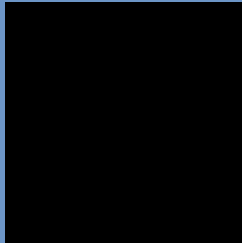
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

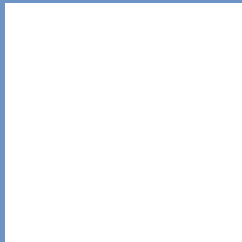
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.7603, 0.2391, 0.2535

Background



This preview shows how black text looks on a background with the Yxy color 28.7603, 0.2391, 0.2535.

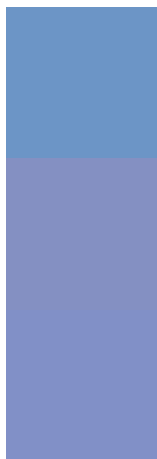


This preview shows how white text looks on a background with the Yxy color 28.7603, 0.2391, 0.2535.

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

28.7603, 0.2391, 0.2535

Protanopia

28.7471, 0.2586, 0.2544

Deuteranopia

28.7372, 0.2527, 0.2475



Tritanopia

28.8854, 0.2547, 0.3086

Trichromacy



Original Color

28.7603, 0.2391, 0.2535

Protanomaly

28.7089, 0.2511, 0.2548

Deuteranomaly

28.7462, 0.2469, 0.2493

Tritanomaly

28.8216, 0.2488, 0.2879

Monochromacy



Original Color

28.7603, 0.2391, 0.2535

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.6053, 0.2822, 0.3013

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7603, 0.2391, 0.2535 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(108, 149, 198)` looks like.

```
.text, #text, p{  
    color:rgb(108, 149, 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(108, 149, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 149, 198) }
```

Border

The CSS property to change the border of an element to Yxy 28.7603, 0.2391, 0.2535 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(108, 149, 198) }
```

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

```
.border{ border-color:rgb(108, 149, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 149, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 149, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 149, 198);  
box-shadow:4px 4px 4px 4px rgb(108, 149,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7603, 0.2391, 0.2535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 149, 198) }
```

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

```
.background{ background-color: rgb(108,  
149, 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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