

Converting Colors

$Y_{xy}(26.7958, 0.2391, 0.2509)$

Have a look what the booklet for
Yxy(26.7958, 0.2391, 0.2509)
contains.

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Color

Yxy(26.8609, 0.2394, 0.2518)

Conversions

Conversions Part 1

Format	Color
Hex	6A90C1
RGB	106, 144, 193
RGB Percent	42%, 56%, 76%
CMY	0.5844, 0.4352, 0.2432
CMYK	0.45, 0.25, 0.00, 0.24
HSL	214°, 41%, 59%
HSV	214°, 45%, 76%
XYZ	25.5381, 26.8609, 54.2765
YIQ	138.2240, -38.3770, 7.1830

Conversions

Conversions Part 2

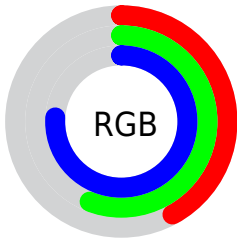
Format	Color
RYB	106, 132, 193
Decimal	6983873
CIELab	58.85, 0.03, -29.54
CIElCh	59, 29.536, 270.062
Yxy	26.8609, 0.2394, 0.2518
Android (android.graphics.Color)	4285173953 (0xFF6A90C1)
YUV	138.2240, 27.0046, -28.2604
Hunter-Lab	51.8275, -2.7418, -25.8124

Details

The Yxy color **26.8609, 0.2394, 0.2518** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.7976, 0.4001, 0.3946**, and the grayscale version is **25.4100, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.8674, 0.2540, 0.2673**, and **10.5733, 0.2155, 0.2272** is the 20% darker color. If you saturate the color by 10%, you get **22.6763, 0.2232, 0.2308**, and if you desaturate by 10%, it is **31.6301, 0.2561, 0.2717**.

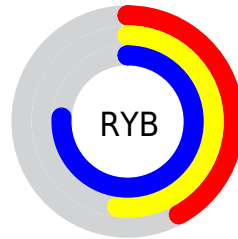
Distribution



Red (42%)

Green (56%)

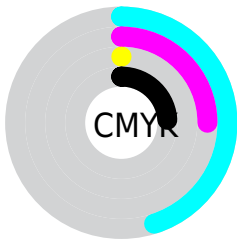
Blue (76%)



Red (42%)

Yellow (52%)

Blue (76%)

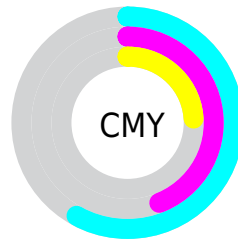


Cyan (45%)

Magenta (25%)

Yellow (0%)

Black (24%)



Cyan (58%)

Magenta (44%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8609, 0.2394, 0.2518 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 26.8609, 0.2394, 0.2518 by changing the saturation by 10% instead.

■ 26.8609, 0.2394,
0.2518

■ 26.8609, 0.2394,
0.2518

■ 286.9830, 0.2783,
0.2928

■ 17.4688, 0.2291,
0.2409

■ 54.6606, 0.2540,
0.2672

■ 10.5693, 0.2155,
0.2267

■ 73.8369, 0.2594,
0.2728

■ 5.7780, 0.1971,
0.2073

■ 97.0435, 0.2638,
0.2775

■ 2.7106, 0.1709,
0.1797

■ 124.6646, 0.2676,
0.2815

■ 0.9826, 0.1321,
0.1388

■ 157.0847, 0.2709,
0.2850

■ 0.0000, 0.0000,
0.0000

194.6882, 0.2737,

0.2879

237.8595, 0.2762,
0.2905

■ 26.8609, 0.2394,
0.2518

■ 26.8609, 0.2394,
0.2518

■ 22.6763, 0.2232,
0.2308

■ 31.6301, 0.2561,
0.2717

■ 19.0463, 0.2081,
0.2090

■ 37.0057, 0.2729,
0.2901

■ 15.9422, 0.1947,
0.1872

■ 43.0121, 0.2893,
0.3069

■ 13.3309, 0.1835,
0.1660

■ 49.6712, 0.3050,
0.3220

■ 11.1733, 0.1750,
0.1462

■ 57.0037, 0.3199,
0.3354

■ 10.2469, 0.1714,
0.1370

■ 65.0294, 0.3339,
0.3473

■ 73.7671, 0.3469,
0.3578

■ 82.2048, 0.3549,
0.3674

■ 88.4710, 0.3525,
0.3778

Harmonies

Analogous

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



26.8609, 0.2233, 0.2703



26.8609, 0.2394, 0.2518



26.8609, 0.2746, 0.2525

Triad

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



26.8609, 0.2394, 0.2518



26.8609, 0.4050, 0.3389



26.8609, 0.2969, 0.4003

Complementary

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



26.8609, 0.2394, 0.2518



35.7976, 0.4001, 0.3946

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.



26.8609, 0.3459, 0.4189



26.8609, 0.2394, 0.2518



26.8609, 0.4105, 0.3777

Square

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



26.8609, 0.2394, 0.2518



26.8609, 0.3719, 0.3008



26.8609, 0.3879, 0.4083



26.8609, 0.2543, 0.3569

Rectangle

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



26.8609, 0.2394, 0.2518



26.8609, 0.3060, 0.2626



26.8609, 0.3879, 0.4083



26.8609, 0.3131, 0.4098

Sweetspot

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



26.8619, 0.2394, 0.2518



78.0401, 0.2907, 0.3082



43.5196, 0.2762, 0.3899



16.2142, 0.2872, 0.3048



97.7402, 0.3127, 0.3290



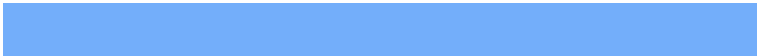
20.4902, 0.3127, 0.3290

Same Dimension

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



26.8619, 0.2394, 0.2518



40.7905, 0.2236, 0.2313



17.4883, 0.2324, 0.1913



10.4563, 0.2984, 0.3157



6.9705, 0.1721, 0.1393



0.4381, 0.1843, 0.1833

Inverse Universe

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



23.6515, 0.3781, 0.2780



35.6106, 0.4001, 0.2680



49.9408, 0.3749, 0.4399



10.1494, 0.3222, 0.3190



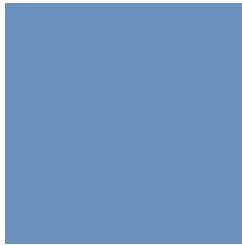
7.9859, 0.5200, 0.2638



0.3589, 0.4646, 0.2333

Previews

White Background



This preview shows how the Yxy color 26.8609, 0.2394, 0.2518 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 26.8609, 0.2394, 0.2518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

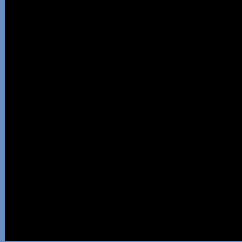
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

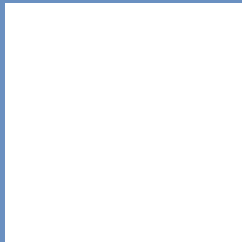
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.8609, 0.2394, 0.2518

Background



This preview shows how black text looks on a background with the Yxy color 26.8609, 0.2394, 0.2518.



This preview shows how white text looks on a background with the Yxy color 26.8609, 0.2394, 0.2518.

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

26.8609, 0.2394, 0.2518

Protanopia

26.6514, 0.2571, 0.2522

Deuteranopia

26.6454, 0.2511, 0.2452



Tritanopia

26.9627, 0.2554, 0.3080

Trichromacy



Original Color

26.8609, 0.2394, 0.2518

Protanomaly

26.6894, 0.2503, 0.2528

Deuteranomaly

26.7267, 0.2460, 0.2472

Tritanomaly

26.9063, 0.2494, 0.2869

Monochromacy



Original Color

26.8609, 0.2394, 0.2518

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.6604, 0.2814, 0.2989

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8609, 0.2394, 0.2518 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(106, 144, 193)` looks like.

```
.text, #text, p{  
    color:rgb(106, 144, 193)  
}
```

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(106, 144, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 144, 193) }
```

Border

The CSS property to change the border of an element to Yxy 26.8609, 0.2394, 0.2518 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(106, 144, 193) }
```

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

```
.border{ border-color:rgb(106, 144, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 144, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 144, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 144, 193);  
box-shadow:4px 4px 4px 4px rgb(106, 144,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8609, 0.2394, 0.2518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 144, 193) }
```

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

```
.background{ background-color: rgb(106,  
144, 193) }
```

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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