

Converting Colors

$Y_{xy}(26.3021, 0.2072, 0.1922)$

Have a look what the booklet for
Yxy(26.3021, 0.2072, 0.1922)
contains.

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Color

Yxy(26.3993, 0.2073, 0.1927)

Conversions

Conversions Part 1

Format	Color
Hex	5B8AEB
RGB	91, 138, 235
RGB Percent	36%, 54%, 92%
CMY	0.6431, 0.4588, 0.0784
CMYK	0.61, 0.41, 0.00, 0.08
HSL	220°, 78%, 64%
HSV	220°, 61%, 92%
XYZ	28.3995, 26.3993, 82.1981
YIQ	135.0050, -59.1490, 20.2030

Conversions

Conversions Part 2

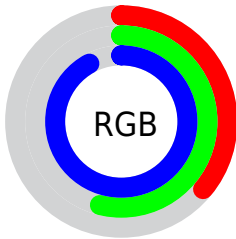
Format	Color
RYB	91, 126, 235
Decimal	5999339
CIELab	58.41, 13.52, -53.81
CIElCh	58, 55.480, 284.101
Yxy	26.3993, 0.2073, 0.1927
Android (android.graphics.Color)	4284189419 (0xFF5B8AEB)
YUV	135.0050, 49.2975, -38.5924
Hunter-Lab	51.3802, 8.7470, -58.8860

Details

The Yxy color **26.3993, 0.2073, 0.1927** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **54.3951, 0.4294, 0.4314**, and the grayscale version is **24.0628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.1570, 0.2449, 0.2524**, and **10.3994, 0.1770, 0.1572** is the 20% darker color. If you saturate the color by 10%, you get **21.1700, 0.1917, 0.1668**, and if you desaturate by 10%, it is **32.6664, 0.2245, 0.2187**.

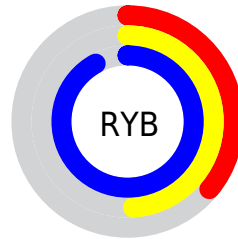
Distribution



Red (36%)

Green (54%)

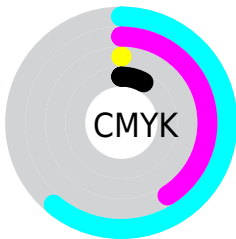
Blue (92%)



Red (36%)

Yellow (49%)

Blue (92%)

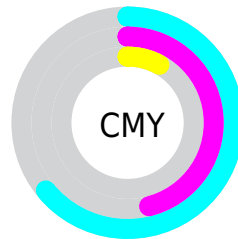


Cyan (61%)

Magenta (41%)

Yellow (0%)

Black (8%)



Cyan (64%)


Magenta (46%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3993, 0.2073, 0.1927 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 26.3993, 0.2073, 0.1927 by changing the saturation by 10% instead.


 26.3993, 0.2073,
0.1927


 26.3993, 0.2073,
0.1927


284.7367, 0.2620,
0.2604


 17.1226, 0.1937,
0.1767


 53.9184, 0.2273,
0.2168

 10.3219, 0.1766,
0.1571


 72.9296, 0.2347,
0.2260

 5.6129, 0.1547,
0.1326


 95.9544, 0.2411,
0.2339

 2.6112, 0.1262,
0.1022

 123.3773, 0.2465,
0.2407

 0.9323, 0.0896,
0.0656

155.5826, 0.2512,
0.2466

 0.0000, 0.0240,
0.0000

192.9546, 0.2552,

 0.0000, 0.0000,

0.2518

0.0000

235.8779, 0.2588,
0.2563

■ 26.3993, 0.2073,
0.1927

■ 26.3993, 0.2073,
0.1927

■ 21.1700, 0.1917,
0.1668

■ 32.6664, 0.2245,
0.2187

■ 16.9113, 0.1785,
0.1423

■ 40.0270, 0.2426,
0.2440

■ 13.5498, 0.1684,
0.1202

■ 48.5357, 0.2607,
0.2678

■ 11.2611, 0.1621,
0.1036

■ 58.2422, 0.2783,
0.2896

■ 69.1931, 0.2951,
0.3093

■ 81.4325, 0.3108,
0.3269

■ 94.9029, 0.3250,
0.3424

■ 98.7784, 0.3244,
0.3483

Harmonies

Analogous

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



26.3993, 0.1673, 0.2036



26.3993, 0.2073, 0.1927



26.3993, 0.2792, 0.2089

Triad

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



26.3993, 0.2073, 0.1927



26.3993, 0.4960, 0.3673



26.3993, 0.2398, 0.4354

Complementary

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



26.3993, 0.2073, 0.1927



54.3951, 0.4294, 0.4314

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.



26.3993, 0.3228, 0.4991



26.3993, 0.2073, 0.1927



26.3993, 0.4730, 0.4331

Square

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



26.3993, 0.2073, 0.1927



26.3993, 0.4596, 0.3037



26.3993, 0.4078, 0.4882



26.3993, 0.1815, 0.3313

Rectangle

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



26.3993, 0.2073, 0.1927



26.3993, 0.3414, 0.2328



26.3993, 0.4078, 0.4882



26.3993, 0.2658, 0.4644

Sweetspot

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



26.4002, 0.2073, 0.1927



74.1423, 0.2838, 0.2961



65.2321, 0.2597, 0.3940



15.0760, 0.2788, 0.2902



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.



26.4002, 0.2073, 0.1927



23.7931, 0.1874, 0.1591



17.1298, 0.2090, 0.1387



15.3516, 0.2980, 0.3127



6.4737, 0.1629, 0.1064



0.6778, 0.1705, 0.1339

Inverse Universe

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



26.9832, 0.4410, 0.2794



26.7467, 0.4860, 0.2760



74.0241, 0.3806, 0.4819



15.1351, 0.3242, 0.3213



10.1463, 0.5664, 0.2894



0.8138, 0.5273, 0.2678

Previews

White Background



This preview shows how the Yxy color 26.3993, 0.2073, 0.1927 looks on a white background.

Color Contrast Check

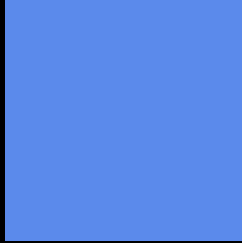
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3993, 0.2073, 0.1927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

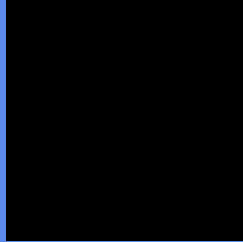
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

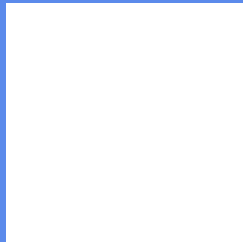
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.3993, 0.2073, 0.1927

Background



This preview shows how black text looks on a background with the Yxy color 26.3993, 0.2073, 0.1927.



This preview shows how white text looks on a background with the Yxy color 26.3993, 0.2073, 0.1927.

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

26.3993, 0.2073, 0.1927

Protanopia

26.4845, 0.2115, 0.1935

Deuteranopia

26.4861, 0.2016, 0.1958



Tritanopia

26.3986, 0.2318, 0.3071

Trichromacy



Original Color

26.3993, 0.2073, 0.1927

Protanomaly

26.3186, 0.2099, 0.1930

Deuteranomaly

26.4460, 0.2038, 0.1951

Tritanomaly

26.1996, 0.2214, 0.2589

Monochromacy



Original Color

26.3993, 0.2073, 0.1927

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.4705, 0.2633, 0.2712

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3993, 0.2073, 0.1927 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(91, 138, 235)` looks like.

```
.text, #text, p{  
    color:rgb(91, 138, 235)  
}
```

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(91, 138, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 138, 235) }
```

Border

The CSS property to change the border of an element to Yxy 26.3993, 0.2073, 0.1927 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(91, 138, 235) }
```

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

```
.border{ border-color:rgb(91, 138, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 138, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 138, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 138, 235);  
box-shadow:4px 4px 4px 4px rgb(91, 138,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3993, 0.2073, 0.1927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 138, 235) }
```

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

```
.background{ background-color: rgb(91, 138,  
235) }
```

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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