

Converting Colors

$Y_{xy}(26.3106, 0.2071, 0.2070)$

Have a look what the booklet for
Yxy(26.3106, 0.2071, 0.2070)
contains.

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Color

Yxy(26.3901, 0.2075, 0.2078)

Conversions

Conversions Part 1

Format	Color
Hex	4F8EE0
RGB	79, 142, 224
RGB Percent	31%, 56%, 88%
CMY	0.6905, 0.4431, 0.1214
CMYK	0.65, 0.37, 0.00, 0.12
HSL	214°, 70%, 59%
HSV	214°, 65%, 88%
XYZ	26.3520, 26.3901, 74.2555
YIQ	132.5110, -63.8700, 12.1460

Conversions

Conversions Part 2

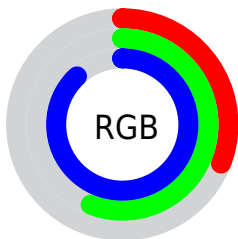
Format	Color
R_{YB}	79, 123, 224
Decimal	5213920
CIE _{Lab}	58.41, 5.32, -47.76
CIE _{LCh}	58, 48.053, 276.356
Yxy	26.3901, 0.2075, 0.2078
Android (android.graphics.Color)	4283404000 (0xFF4F8EE0)
YUV	132.5110, 45.1041, -46.9291
Hunter-Lab	51.3713, 1.6656, -49.7418

Details

The Yxy color **26.3901, 0.2075, 0.2078** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **41.8979, 0.4495, 0.4194**, and the grayscale version is **23.1149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9129, 0.2397, 0.2563**, and **10.4814, 0.1820, 0.1751** is the 20% darker color. If you saturate the color by 10%, you get **22.0300, 0.1940, 0.1857**, and if you desaturate by 10%, it is **31.5038, 0.2228, 0.2299**.

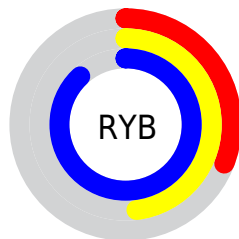
Distribution



Red (31%)

Green (56%)

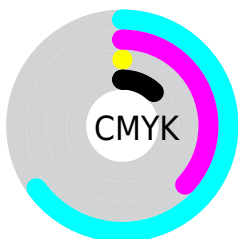
Blue (88%)



Red (31%)

Yellow (48%)

Blue (88%)

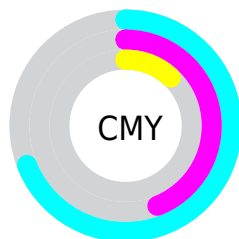


Cyan (65%)

Magenta (37%)

Yellow (0%)

Black (12%)



Cyan (69%)

Magenta (44%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3901, 0.2075, 0.2078 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 26.3901, 0.2075, 0.2078 by changing the saturation by 10% instead.

■ 26.3901, 0.2075,
0.2078

■ 26.3901, 0.2075,
0.2078

■ 284.6918, 0.2621,
0.2696

■ 17.1157, 0.1938,
0.1927

■ 53.9036, 0.2275,
0.2302

■ 10.3170, 0.1765,
0.1736

■ 72.9115, 0.2350,
0.2386

■ 5.6097, 0.1542,
0.1494

■ 95.9327, 0.2413,
0.2458

■ 2.6092, 0.1249,
0.1182

■ 123.3516, 0.2467,
0.2519

■ 0.9313, 0.0868,
0.0788

■ 155.5525, 0.2513,
0.2573

■ 0.0000, 0.0000,
0.0000

■ 192.9200, 0.2554,

0.2619

235.8383, 0.2589,
0.2660

■ 26.3901, 0.2075,
0.2078

■ 26.3901, 0.2075,
0.2078

■ 22.0300, 0.1940,
0.1857

■ 31.5038, 0.2228,
0.2299

■ 18.3726, 0.1828,
0.1643

■ 37.4114, 0.2392,
0.2512

■ 15.3620, 0.1743,
0.1443

■ 44.1528, 0.2561,
0.2714

■ 14.0035, 0.1707,
0.1345

■ 51.7640, 0.2730,
0.2901

■ 60.2788, 0.2896,
0.3070

■ 69.7287, 0.3054,
0.3223

■ 80.1438, 0.3205,
0.3359

■ 90.9467, 0.3323,
0.3480

■ 98.1641, 0.3309,
0.3591

Harmonies

Analogous

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



26.3901, 0.1783, 0.2259



26.3901, 0.2075, 0.2078



26.3901, 0.2651, 0.2161

Triad

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



26.3901, 0.2075, 0.2078



26.3901, 0.4693, 0.3508



26.3901, 0.2679, 0.4389

Complementary

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



26.3901, 0.2075, 0.2078



41.8979, 0.4495, 0.4194

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.



26.3901, 0.3441, 0.4785



26.3901, 0.2075, 0.2078



26.3901, 0.4639, 0.4097

Square

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



26.3901, 0.2075, 0.2078



26.3901, 0.4239, 0.2941



26.3901, 0.4159, 0.4601



26.3901, 0.2081, 0.3551

Rectangle

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



26.3901, 0.2075, 0.2078



26.3901, 0.3167, 0.2342



26.3901, 0.4159, 0.4601



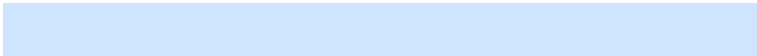
26.3901, 0.2925, 0.4589

Sweetspot

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



26.3910, 0.2075, 0.2078



75.6922, 0.2824, 0.2998



57.4879, 0.2666, 0.4243



15.5034, 0.2776, 0.2949



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.



26.3910, 0.2075, 0.2078



27.5737, 0.1895, 0.1774



12.9542, 0.1914, 0.1233



14.2184, 0.2981, 0.3154



8.3672, 0.1715, 0.1373



0.7556, 0.1798, 0.1673

Inverse Universe

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



23.3898, 0.4275, 0.2602



26.0676, 0.4666, 0.2556



68.6168, 0.3963, 0.4802



13.7990, 0.3224, 0.3189



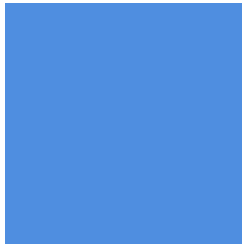
9.7527, 0.5227, 0.2653



0.6937, 0.4840, 0.2440

Previews

White Background



This preview shows how the Yxy color 26.3901, 0.2075, 0.2078 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 26.3901, 0.2075, 0.2078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

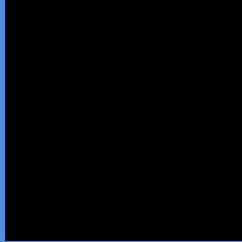
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

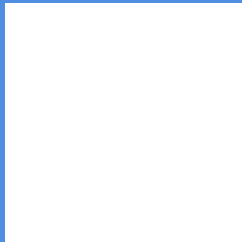
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.3901, 0.2075, 0.2078

Background



This preview shows how black text looks on a background with the Yxy color 26.3901, 0.2075, 0.2078.



This preview shows how white text looks on a background with the Yxy color 26.3901, 0.2075, 0.2078.

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

26.3901, 0.2075, 0.2078

Protanopia

26.3098, 0.2240, 0.2092

Deuteranopia

26.3661, 0.2117, 0.2053



Tritanopia

26.4452, 0.2271, 0.3069

Trichromacy



Original Color

26.3901, 0.2075, 0.2078

Protanomaly

26.2824, 0.2174, 0.2092

Deuteranomaly

26.4644, 0.2100, 0.2062

Tritanomaly

26.3001, 0.2187, 0.2660

Monochromacy



Original Color

26.3901, 0.2075, 0.2078

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.8356, 0.2628, 0.2796

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3901, 0.2075, 0.2078 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(79, 142, 224)` looks like.

```
.text, #text, p{  
    color:rgb(79, 142, 224)  
}
```

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(79, 142, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 142, 224) }
```

Border

The CSS property to change the border of an element to Yxy 26.3901, 0.2075, 0.2078 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(79, 142, 224) }
```

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

```
.border{ border-color:rgb(79, 142, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 142, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 142, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 142, 224);  
box-shadow:4px 4px 4px 4px rgb(79, 142,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3901, 0.2075, 0.2078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 142, 224) }
```

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

```
.background{ background-color: rgb(79, 142,  
224) }
```

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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