

Converting Colors

$Y_{xy}(26.0270, 0.2017, 0.1854)$

Have a look what the booklet for
Yxy(26.0270, 0.2017, 0.1854)
contains.

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Color

Yxy(26.0674, 0.2018, 0.1857)

Conversions

Conversions Part 1

Format	Color
Hex	5489F0
RGB	84, 137, 240
RGB Percent	33%, 54%, 94%
CMY	0.6707, 0.4627, 0.0588
CMYK	0.65, 0.43, 0.00, 0.06
HSL	220°, 84%, 64%
HSV	220°, 65%, 94%
XYZ	28.3274, 26.0674, 85.9789
YIQ	132.8950, -64.6510, 20.7970

Conversions

Conversions Part 2

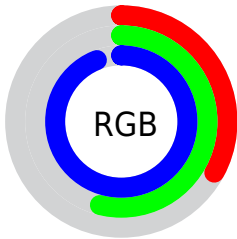
Format	Color
R _Y B	84, 124, 240
Decimal	5540336
CIE Lab	58.10, 14.58, -57.10
CIE LCh	58, 58.932, 284.328
Yxy	26.0674, 0.2018, 0.1857
Android (android.graphics.Color)	4283730416 (0xFF5489F0)
YUV	132.8950, 52.8028, -42.8809
Hunter-Lab	51.0562, 9.6883, -64.1052

Details

The Yxy color **26.0674, 0.2018, 0.1857** 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 **54.6895, 0.4388, 0.4340**, and the grayscale version is **23.2353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.2500, 0.2419, 0.2506**, and **10.3983, 0.1754, 0.1516** is the 20% darker color. If you saturate the color by 10%, you get **20.9662, 0.1872, 0.1605**, and if you desaturate by 10%, it is **32.2107, 0.2184, 0.2114**.

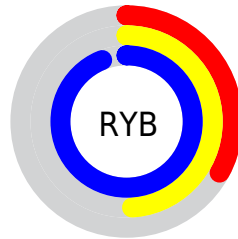
Distribution



Red (33%)

Green (54%)

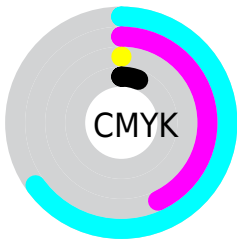
Blue (94%)



Red (33%)

Yellow (49%)

Blue (94%)

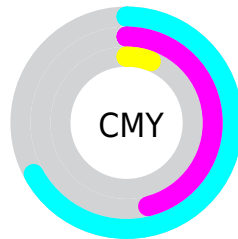


Cyan (65%)

Magenta (43%)

Yellow (0%)

Black (6%)



Cyan (67%)

Magenta (46%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0674, 0.2018, 0.1857 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 26.0674, 0.2018, 0.1857 by changing the saturation by 10% instead.

■ 26.0674, 0.2018,
0.1857

■ 26.0674, 0.2018,
0.1857

■ 283.1128, 0.2591,
0.2564

■ 16.8741, 0.1877,
0.1693

■ 53.3837, 0.2226,
0.2107

■ 10.1447, 0.1701,
0.1492

■ 72.2754, 0.2304,
0.2203

■ 5.4950, 0.1477,
0.1245

■ 95.1687, 0.2371,
0.2285

■ 2.5405, 0.1191,
0.0943

■ 122.4480, 0.2428,
0.2356

■ 0.8969, 0.0830,
0.0589

■ 154.4976, 0.2477,
0.2418

■ 0.0000, 0.0208,
0.0000

■ 191.7020, 0.2520,

■ 0.0000, 0.0000,

0.2473

0.0000

234.4456, 0.2557,
0.2521

■ 26.0674, 0.2018,
0.1857

■ 26.0674, 0.2018,
0.1857

■ 20.9662, 0.1872,
0.1605

■ 32.2107, 0.2184,
0.2114

■ 16.8352, 0.1752,
0.1369

■ 39.4555, 0.2360,
0.2365

■ 13.5947, 0.1664,
0.1161

■ 47.8590, 0.2540,
0.2604

■ 12.2637, 0.1630,
0.1068

■ 57.4733, 0.2718,
0.2826

■ 68.3471, 0.2889,
0.3027

■ 80.5264, 0.3051,
0.3207

■ 94.0546, 0.3200,
0.3367

■ 99.0715, 0.3214,
0.3434

Harmonies

Analogous

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



26.0674, 0.1600, 0.1963



26.0674, 0.2018, 0.1857



26.0674, 0.2774, 0.2029

Triad

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



26.0674, 0.2018, 0.1857



26.0674, 0.5073, 0.3680



26.0674, 0.2340, 0.4427

Complementary

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



26.0674, 0.2018, 0.1857



54.6895, 0.4388, 0.4340

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.



26.0674, 0.3212, 0.5113



26.0674, 0.2018, 0.1857



26.0674, 0.4809, 0.4373

Square

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



26.0674, 0.2018, 0.1857



26.0674, 0.4698, 0.3018



26.0674, 0.4109, 0.4974



26.0674, 0.1736, 0.3298

Rectangle

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



26.0674, 0.2018, 0.1857



26.0674, 0.3436, 0.2279



26.0674, 0.4109, 0.4974



26.0674, 0.2612, 0.4742

Sweetspot

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



26.0682, 0.2018, 0.1857



71.9482, 0.2804, 0.2928



67.7249, 0.2592, 0.4026



14.6597, 0.2755, 0.2871



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.



26.0682, 0.2018, 0.1857



22.4071, 0.1830, 0.1527



15.7755, 0.2001, 0.1263



16.1070, 0.2980, 0.3130



6.9342, 0.1638, 0.1097



0.7546, 0.1711, 0.1359

Inverse Universe

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



26.6675, 0.4506, 0.2755



25.5460, 0.4961, 0.2738



77.6521, 0.3851, 0.4882



15.8475, 0.3240, 0.3210



10.4934, 0.5615, 0.2867



0.8909, 0.5247, 0.2664

Previews

White Background



This preview shows how the Yxy color 26.0674, 0.2018, 0.1857 looks on a white background.

Color Contrast Check

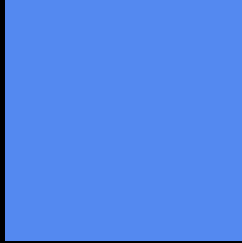
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0674, 0.2018, 0.1857 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

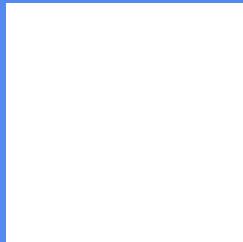
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.0674, 0.2018, 0.1857

Background



This preview shows how black text looks on a background with the Yxy color 26.0674, 0.2018, 0.1857.



This preview shows how white text looks on a background with the Yxy color 26.0674, 0.2018, 0.1857.

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

26.0674, 0.2018, 0.1857

Protanopia

25.9396, 0.2062, 0.1854

Deuteranopia

26.0123, 0.1949, 0.1882



Tritanopia

25.9670, 0.2244, 0.3049

Trichromacy



Original Color

26.0674, 0.2018, 0.1857

Protanomaly

26.0140, 0.2046, 0.1861

Deuteranomaly

25.9993, 0.1973, 0.1876

Tritanomaly

25.5299, 0.2134, 0.2518

Monochromacy



Original Color

26.0674, 0.2018, 0.1857

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.6736, 0.2586, 0.2657

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0674, 0.2018, 0.1857 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(84, 137, 240)` looks like.

```
.text, #text, p{  
    color:rgb(84, 137, 240)  
}
```

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(84, 137, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 137, 240) }
```

Border

The CSS property to change the border of an element to Yxy 26.0674, 0.2018, 0.1857 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(84, 137, 240) }
```

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

```
.border{ border-color:rgb(84, 137, 240) }
```

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

Here you see how a box with a 4 pixel rgb(84, 137, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 137, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 137, 240);  
box-shadow:4px 4px 4px 4px rgb(84, 137,  
240) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 26.0674, 0.2018, 0.1857$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 137, 240) }
```

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

```
.background{ background-color: rgb(84, 137,  
240) }
```

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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