

Converting Colors

$Y_{xy}(26.0246, 0.2027, 0.1674)$

Have a look what the booklet for
Yxy(26.0246, 0.2027, 0.1674)
contains.

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Color

Yxy(26.0100, 0.2027, 0.1673)

Conversions

Conversions Part 1

Format	Color
Hex	6682FF
RGB	102, 130, 255
RGB Percent	40%, 51%, 100%
CMY	0.5997, 0.4902, 0.0001
CMYK	0.60, 0.49, 0.00, 0.00
HSL	229°, 100%, 70%
HSV	229°, 60%, 100%
XYZ	31.5136, 26.0100, 97.9456
YIQ	135.8780, -56.8130, 32.9390

Conversions

Conversions Part 2

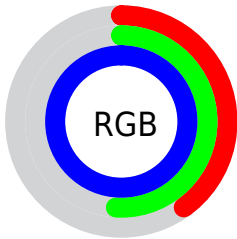
Format	Color
R _Y B	102, 126, 255
Decimal	6718207
CIE Lab	58.05, 26.90, -65.40
CIE LCh	58, 70.715, 292.357
Yxy	26.0100, 0.2027, 0.1673
Android (android.graphics.Color)	4284908287 (0xFF6682FF)
YUV	135.8780, 58.7271, -29.7110
Hunter-Lab	51.0000, 21.0476, -78.1666

Details

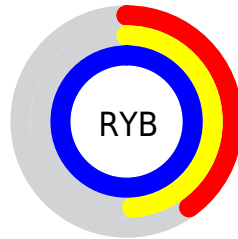
The Yxy color **26.0100, 0.2027, 0.1673** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **77.1791, 0.4134, 0.4486**, and the grayscale version is **24.3702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.9795, 0.2506, 0.2441**, and **10.0447, 0.1715, 0.1298** is the 20% darker color. If you saturate the color by 10%, you get **19.7485, 0.1853, 0.1378**, and if you desaturate by 10%, it is **33.8538, 0.2219, 0.1981**.

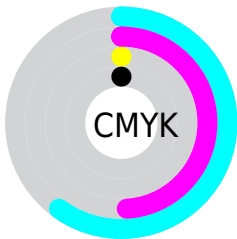
Distribution



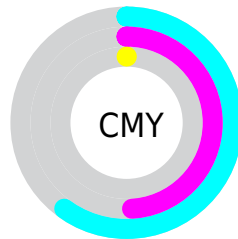
- Red (40%)
- Green (51%)
- Blue (100%)



- Red (40%)
- Yellow (49%)
- Blue (100%)



- Cyan (60%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (60%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0100, 0.2027, 0.1673 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 26.0100, 0.2027, 0.1673 by changing the saturation by 10% instead.


 26.0100, 0.2027,
0.1673


 26.0100, 0.2027,
0.1673

282.8312, 0.2596,
0.2442


 16.8311, 0.1889,
0.1503


 53.2911, 0.2233,
0.1937

 10.1142, 0.1716,
0.1301


 72.1621, 0.2311,
0.2041

 5.4747, 0.1499,
0.1060


 95.0325, 0.2377,
0.2131

 2.5284, 0.1224,
0.0777

122.2869, 0.2433,
0.2210

 0.8908, 0.0882,
0.0464

154.3096, 0.2482,
0.2278

 0.0000, 0.0440,
0.0000

191.4849, 0.2525,

 0.0000, 0.0000,

0.2339

0.0000

234.1973, 0.2563,
0.2393

■ 26.0100, 0.2027,
0.1673

■ 26.0100, 0.2027,
0.1673

■ 19.7485, 0.1853,
0.1378

■ 33.8538, 0.2219,
0.1981

■ 14.9551, 0.1709,
0.1115

■ 43.3781, 0.2417,
0.2285

■ 11.5033, 0.1605,
0.0901

■ 54.6755, 0.2613,
0.2574

■ 9.2227, 0.1541,
0.0746

■ 67.8313, 0.2799,
0.2840

■ 9.2174, 0.1541,
0.0746

■ 82.9249, 0.2971,
0.3079

99.9984, 0.3127,
0.3290

Harmonies

Analogous

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



26.0100, 0.1469, 0.1690



26.0100, 0.2027, 0.1673



26.0100, 0.2995, 0.1940

Triad

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



26.0100, 0.2027, 0.1673



26.0100, 0.5384, 0.3871



26.0100, 0.1950, 0.4315

Complementary

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



26.0100, 0.2027, 0.1673



77.1791, 0.4134, 0.4486

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.



26.0100, 0.2883, 0.5410



26.0100, 0.2027, 0.1673



26.0100, 0.4853, 0.4680

Square

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



26.0100, 0.2027, 0.1673



26.0100, 0.5199, 0.3127



26.0100, 0.3932, 0.5387



26.0100, 0.1401, 0.2933

Rectangle

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



26.0100, 0.2027, 0.1673



26.0100, 0.3818, 0.2261



26.0100, 0.3932, 0.5387



26.0100, 0.2228, 0.4776

Sweetspot

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



26.0108, 0.2027, 0.1673



70.6654, 0.2834, 0.2889



79.8755, 0.2503, 0.3629



14.2399, 0.2782, 0.2816



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.



26.0108, 0.2027, 0.1673



18.6647, 0.1821, 0.1321



23.2643, 0.2275, 0.1492



17.9142, 0.2979, 0.3090



4.9707, 0.1546, 0.0766



0.6217, 0.1597, 0.0950

Inverse Universe

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



32.3824, 0.4669, 0.3023



26.8361, 0.5176, 0.3015



85.6659, 0.3640, 0.4890



18.0412, 0.3265, 0.3247



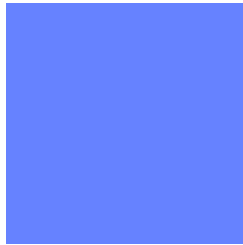
11.2298, 0.6124, 0.3147



1.1073, 0.5835, 0.2988

Previews

White Background



This preview shows how the Yxy color 26.0100, 0.2027, 0.1673 looks on a white background.

Color Contrast Check

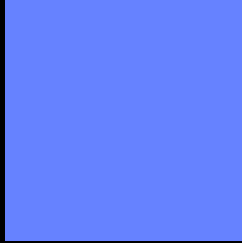
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0100, 0.2027, 0.1673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

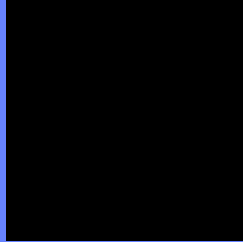
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0100, 0.2027, 0.1673

Background



This preview shows how black text looks on a background with the Yxy color 26.0100, 0.2027, 0.1673.



This preview shows how white text looks on a background with the Yxy color 26.0100, 0.2027, 0.1673.

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

26.0100, 0.2027, 0.1673

Protanopia

26.1676, 0.1937, 0.1698

Deuteranopia

25.9519, 0.1825, 0.1768



Tritanopia

26.1289, 0.2333, 0.3070

Trichromacy



Original Color

26.0100, 0.2027, 0.1673

Protanomaly

26.0213, 0.1967, 0.1685

Deuteranomaly

25.3129, 0.1842, 0.1709

Tritanomaly

25.5142, 0.2192, 0.2428

Monochromacy



Original Color

26.0100, 0.2027, 0.1673

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.5900, 0.2611, 0.2571

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0100, 0.2027, 0.1673 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(102, 130, 255)` looks like.

```
.text, #text, p{  
    color:rgb(102, 130, 255)  
}
```

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(102, 130, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 130, 255) }
```

Border

The CSS property to change the border of an element to Yxy 26.0100, 0.2027, 0.1673 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(102, 130, 255) }
```

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

```
.border{ border-color:rgb(102, 130, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 130, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 130, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 130, 255);  
box-shadow:4px 4px 4px 4px rgb(102, 130,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0100, 0.2027, 0.1673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 130, 255) }
```

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

```
.background{ background-color: rgb(102,  
130, 255) }
```

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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