

Converting Colors

$Y_{xy}(26.9112, 0.1988, 0.1604)$

Have a look what the booklet for
Yxy(26.9112, 0.1988, 0.1604)
contains.

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Color

Yxy(26.2193, 0.2024, 0.1683)

Conversions

Conversions Part 1

Format	Color
Hex	6583FF
RGB	101, 131, 255
RGB Percent	40%, 51%, 100%
CMY	0.6042, 0.4862, 0.0000
CMYK	0.60, 0.49, 0.00, 0.00
HSL	228°, 100%, 70%
HSV	228°, 60%, 100%
XYZ	31.5317, 26.2193, 98.0381
YIQ	136.1660, -57.6840, 32.2040

Conversions

Conversions Part 2

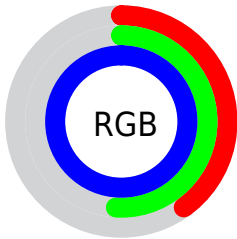
Format	Color
RYB	101, 126, 255
Decimal	6652927
CIELab	58.24, 26.11, -65.12
CIELCh	58, 70.158, 291.849
Yxy	26.2193, 0.2024, 0.1683
Android (android.graphics.Color)	4284843007 (0xFF6583FF)
YUV	136.1660, 58.5852, -30.8406
Hunter-Lab	51.2048, 20.3112, -77.6749

Details

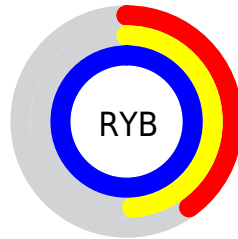
The Yxy color **26.2193, 0.2024, 0.1683** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **76.0083, 0.4153, 0.4478**, and the grayscale version is **24.4726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.2875, 0.2502, 0.2451**, and **10.1674, 0.1714, 0.1311** is the 20% darker color. If you saturate the color by 10%, you get **19.9904, 0.1852, 0.1391**, and if you desaturate by 10%, it is **33.9930, 0.2214, 0.1987**.

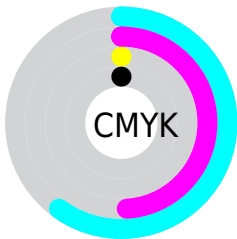
Distribution



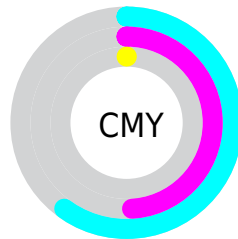
- Red (40%)
- Green (51%)
- Blue (100%)



- 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 26.2193, 0.2024, 0.1683 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 26.2193, 0.2024, 0.1683 by changing the saturation by 10% instead.

 26.2193, 0.2024,
0.1683


 26.2193, 0.2024,
0.1683


283.8570, 0.2593,
0.2448


 16.9878, 0.1886,
0.1514


 53.6285, 0.2230,
0.1946

 10.2258, 0.1714,
0.1312


 72.5750, 0.2308,
0.2050

 5.5489, 0.1497,
0.1072


 95.5286, 0.2374,
0.2139

 2.5728, 0.1222,
0.0789

122.8737, 0.2431,
0.2217

 0.9130, 0.0880,
0.0474

154.9947, 0.2480,
0.2285

 0.0000, 0.0441,
0.0000

192.2759, 0.2522,

 0.0000, 0.0000,

0.2346

0.0000

235.1019, 0.2560,
0.2400

■ 26.2193, 0.2024,
0.1683

■ 26.2193, 0.2024,
0.1683

■ 19.9904, 0.1852,
0.1391

■ 33.9930, 0.2214,
0.1987

■ 15.2026, 0.1711,
0.1130

■ 43.4141, 0.2411,
0.2288

■ 11.7303, 0.1607,
0.0916

■ 54.5703, 0.2606,
0.2573

■ 9.4822, 0.1546,
0.0764

■ 67.5445, 0.2791,
0.2836

■ 82.4141, 0.2964,
0.3072

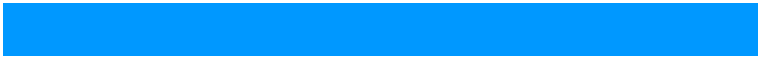
99.2518, 0.3121,
0.3282

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



26.2193, 0.1475, 0.1706



26.2193, 0.2024, 0.1683



26.2193, 0.2978, 0.1944

Triad

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



26.2193, 0.2024, 0.1683



26.2193, 0.5368, 0.3858



26.2193, 0.1975, 0.4328

Complementary

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



26.2193, 0.2024, 0.1683



76.0083, 0.4153, 0.4478

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.



26.2193, 0.2906, 0.5394



26.2193, 0.2024, 0.1683



26.2193, 0.4855, 0.4660

Square

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



26.2193, 0.2024, 0.1683



26.2193, 0.5168, 0.3119



26.2193, 0.3947, 0.5361



26.2193, 0.1421, 0.2958

Rectangle

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



26.2193, 0.2024, 0.1683



26.2193, 0.3790, 0.2260



26.2193, 0.3947, 0.5361



26.2193, 0.2254, 0.4779

Sweetspot

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



26.2177, 0.2024, 0.1683



70.9638, 0.2834, 0.2896



79.6748, 0.2511, 0.3664



14.3114, 0.2782, 0.2824



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.



26.2177, 0.2024, 0.1683



18.6212, 0.1813, 0.1320



22.7317, 0.2247, 0.1470



17.9516, 0.2979, 0.3093



5.1166, 0.1552, 0.0786



0.6412, 0.1604, 0.0975

Inverse Universe

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



32.1933, 0.4661, 0.3002



26.5216, 0.5185, 0.2995



85.9815, 0.3659, 0.4890



18.0450, 0.3263, 0.3244



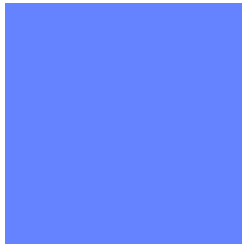
11.2445, 0.6092, 0.3130



1.1093, 0.5797, 0.2967

Previews

White Background



This preview shows how the Yxy color 26.2193, 0.2024, 0.1683 looks on a white background.

Color Contrast Check

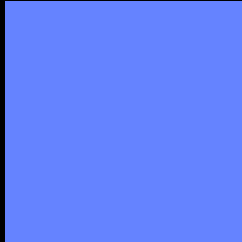
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2193, 0.2024, 0.1683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

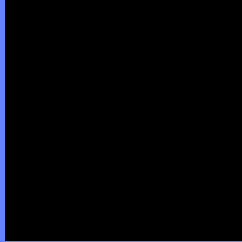
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2193, 0.2024, 0.1683

Background



This preview shows how black text looks on a background with the Yxy color 26.2193, 0.2024, 0.1683.



This preview shows how white text looks on a background with the Yxy color 26.2193, 0.2024, 0.1683.

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

26.2193, 0.2024, 0.1683

Protanopia

26.2102, 0.1941, 0.1699

Deuteranopia

26.3110, 0.1826, 0.1774



Tritanopia

26.1029, 0.2318, 0.3052

Trichromacy



Original Color

26.2193, 0.2024, 0.1683

Protanomaly

26.2964, 0.1970, 0.1698

Deuteranomaly

25.5985, 0.1845, 0.1723

Tritanomaly

25.4796, 0.2177, 0.2413

Monochromacy



Original Color

26.2193, 0.2024, 0.1683

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.5158, 0.2602, 0.2569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2193, 0.2024, 0.1683 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(101, 131, 255)` looks like.

```
.text, #text, p{  
    color:rgb(101, 131, 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(101, 131, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 131, 255) }
```

Border

The CSS property to change the border of an element to Yxy 26.2193, 0.2024, 0.1683 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(101, 131, 255) }
```

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

```
.border{ border-color:rgb(101, 131, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 131, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 131, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 131, 255);  
box-shadow:4px 4px 4px 4px rgb(101, 131,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2193, 0.2024, 0.1683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 131, 255) }
```

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

```
.background{ background-color: rgb(101,  
131, 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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