

Converting Colors

$Y_{xy}(30.5548, 0.2174, 0.1851)$

Have a look what the booklet for
Yxy(30.5548, 0.2174, 0.1851)
contains.

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Color

Yxy(30.5548, 0.2174, 0.1851)

Conversions

Conversions Part 1

Format	Color
Hex	7C8DFF
RGB	124, 141, 255
RGB Percent	49%, 55%, 100%
CMY	0.5138, 0.4470, 0.0000
CMYK	0.51, 0.45, 0.00, 0.00
HSL	232°, 100%, 74%
HSV	232°, 51%, 100%
XYZ	35.8866, 30.5548, 98.6304
YIQ	148.9130, -46.7260, 31.8500

Conversions

Conversions Part 2

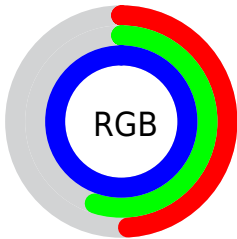
Format	Color
RYB	124, 139, 255
Decimal	8162815
CIELab	62.13, 24.62, -58.81
CIElCh	62, 63.752, 292.713
Yxy	30.5548, 0.2174, 0.1851
Android (android.graphics.Color)	4286352895 (0xFF7C8DFF)
YUV	148.9130, 52.3009, -21.8487
Hunter-Lab	55.2764, 19.1523, -67.0985

Details

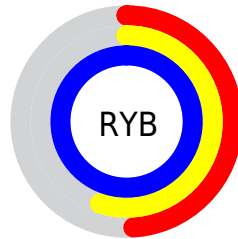
The Yxy color **30.5548, 0.2174, 0.1851** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **83.8490, 0.3959, 0.4400**, and the grayscale version is **29.8055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.8709, 0.2643, 0.2597**, and **12.5515, 0.1901, 0.1505** is the 20% darker color. If you saturate the color by 10%, you get **22.9937, 0.1978, 0.1531**, and if you desaturate by 10%, it is **39.9168, 0.2378, 0.2174**.

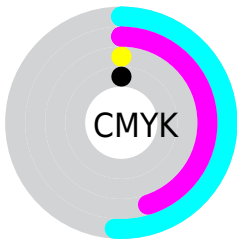
Distribution



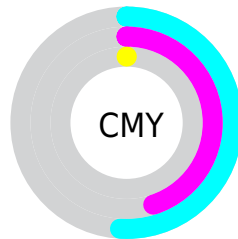
- Red (49%)
- Green (55%)
- Blue (100%)



- Red (49%)
- Yellow (55%)
- Blue (100%)



- Cyan (51%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)





- Cyan (51%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5548, 0.2174, 0.1851 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 30.5548, 0.2174, 0.1851 by changing the saturation by 10% instead.


 30.5548, 0.2174,
0.1851


 30.5548, 0.2174,
0.1851


304.4820, 0.2663,
0.2534


 20.2601, 0.2055,
0.1698


 60.5385, 0.2351,
0.2087

 12.5842, 0.1905,
0.1513


 80.9962, 0.2418,
0.2180

 7.1429, 0.1714,
0.1288


 105.6104, 0.2474,
0.2260

 3.5516, 0.1467,
0.1015

134.7654, 0.2523,
0.2329

 1.4261, 0.1145,
0.0692

168.8457, 0.2565,
0.2390

 0.2358, 0.0750,
0.0214

208.2356, 0.2602,

 0.0000, 0.0000,

0.2444

0.0000

253.3196, 0.2634,
0.2492

■ 30.5548, 0.2174,
0.1851

■ 30.5548, 0.2174,
0.1851

■ 22.9937, 0.1978,
0.1531

■ 39.9168, 0.2378,
0.2174

■ 17.1171, 0.1805,
0.1234

■ 51.1874, 0.2580,
0.2485

■ 12.7930, 0.1665,
0.0981

■ 64.4646, 0.2771,
0.2772

■ 9.8695, 0.1570,
0.0790

■ 79.8399, 0.2947,
0.3031

■ 8.3153, 0.1523,
0.0681

■ 97.3991, 0.3107,
0.3261

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.



30.5548, 0.1655, 0.1873



30.5548, 0.2174, 0.1851



30.5548, 0.3037, 0.2098

Triad

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



30.5548, 0.2174, 0.1851



30.5548, 0.5102, 0.3876



30.5548, 0.2110, 0.4143

Complementary

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



30.5548, 0.2174, 0.1851



83.8490, 0.3959, 0.4400

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.



30.5548, 0.2945, 0.5057



30.5548, 0.2174, 0.1851



30.5548, 0.4675, 0.4580

Square

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



30.5548, 0.2174, 0.1851



30.5548, 0.4914, 0.3190



30.5548, 0.3878, 0.5124



30.5548, 0.1602, 0.2998

Rectangle

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



30.5548, 0.2174, 0.1851



30.5548, 0.3743, 0.2392



30.5548, 0.3878, 0.5124



30.5548, 0.2361, 0.4517

Sweetspot

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



30.5545, 0.2174, 0.1851



74.0276, 0.2886, 0.2941



81.9490, 0.2533, 0.3493



15.1482, 0.2848, 0.2886



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.



30.5545, 0.2174, 0.1851



22.5822, 0.1967, 0.1512



30.4029, 0.2473, 0.1779



17.7581, 0.2979, 0.3076



4.4615, 0.1527, 0.0697



0.5472, 0.1570, 0.0852

Inverse Universe

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



37.5932, 0.4419, 0.3120



31.0857, 0.4863, 0.3102



86.2342, 0.3546, 0.4696



18.0255, 0.3274, 0.3259



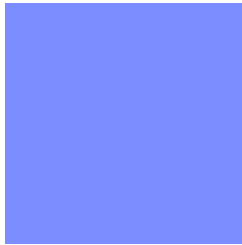
11.1784, 0.6238, 0.3210



1.0998, 0.5987, 0.3072

Previews

White Background



This preview shows how the Yxy color 30.5548, 0.2174, 0.1851 looks on a white background.

Color Contrast Check

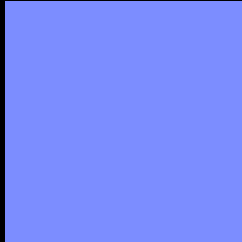
Large Text (above 18pt) WCAG AA × Fail

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 30.5548, 0.2174, 0.1851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

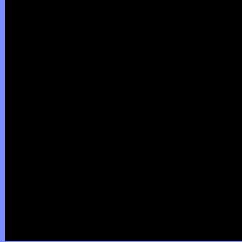
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5548, 0.2174, 0.1851

Background



This preview shows how black text looks on a background with the Yxy color 30.5548, 0.2174, 0.1851.



This preview shows how white text looks on a background with the Yxy color 30.5548, 0.2174, 0.1851.

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

30.5548, 0.2174, 0.1851

Protanopia

30.6025, 0.2072, 0.1876

Deuteranopia

30.8028, 0.1993, 0.1927



Tritanopia

30.6616, 0.2514, 0.3090

Trichromacy



Original Color

30.5548, 0.2174, 0.1851

Protanomaly

30.4815, 0.2106, 0.1863

Deuteranomaly

30.4029, 0.2043, 0.1886

Tritanomaly

30.1725, 0.2372, 0.2546

Monochromacy



Original Color

30.5548, 0.2174, 0.1851

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.7641, 0.2702, 0.2665

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5548, 0.2174, 0.1851 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(124, 141, 255)` looks like.

```
.text, #text, p{  
    color:rgb(124, 141, 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(124, 141, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 141, 255) }
```

Border

The CSS property to change the border of an element to Yxy 30.5548, 0.2174, 0.1851 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(124, 141, 255) }
```

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

```
.border{ border-color:rgb(124, 141, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 141, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 141, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 141, 255); box-shadow:4px 4px 4px 4px rgb(124, 141, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5548, 0.2174, 0.1851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 141, 255) }
```

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

```
.background{ background-color: rgb(124,  
141, 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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