

Converting Colors

$Y_{xy}(25.7510, 0.2067, 0.1574)$

Have a look what the booklet for
Yxy(25.7510, 0.2067, 0.1574)
contains.

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Color

Yxy(25.2375, 0.2095, 0.1622)

Conversions

Conversions Part 1

Format	Color
Hex	767BFF
RGB	118, 123, 255
RGB Percent	46%, 48%, 100%
CMY	0.5375, 0.5176, 0.0000
CMYK	0.54, 0.52, 0.00, 0.00
HSL	238°, 100%, 73%
HSV	238°, 54%, 100%
XYZ	32.5971, 25.2375, 97.7603
YIQ	136.5530, -45.3520, 39.9920

Conversions

Conversions Part 2

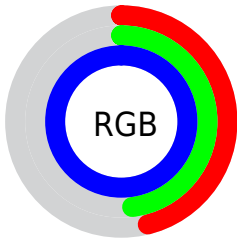
Format	Color
R_{YB}	118, 123, 255
Decimal	7764991
CIE _{Lab}	57.31, 34.01, -66.55
CIE _{LCh}	57, 74.741, 297.068
Yxy	25.2375, 0.2095, 0.1622
Android (android.graphics.Color)	4285955071 (0xFF767BFF)
YUV	136.5530, 58.3944, -16.2710
Hunter-Lab	50.2369, 27.9083, -80.2116

Details

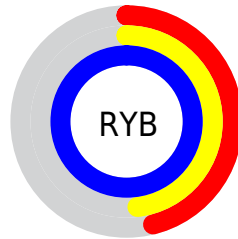
The Yxy color **25.2375, 0.2095, 0.1622** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **90.8859, 0.3932, 0.4543**, and the grayscale version is **24.6255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.3449, 0.2586, 0.2366**, and **9.6326, 0.1793, 0.1243** is the 20% darker color. If you saturate the color by 10%, you get **18.3409, 0.1896, 0.1292**, and if you desaturate by 10%, it is **34.1455, 0.2308, 0.1971**.

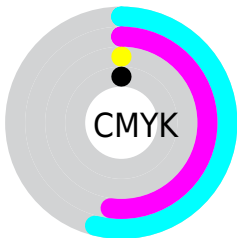
Distribution



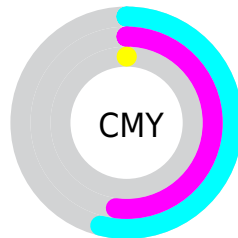
- Red (46%)
- Green (48%)
- Blue (100%)



- Red (46%)
- Yellow (48%)
- Blue (100%)



- Cyan (54%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)





- Cyan (54%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2375, 0.2095, 0.1622 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 25.2375, 0.2095, 0.1622 by changing the saturation by 10% instead.


 25.2375, 0.2095,
0.1622


 25.2375, 0.2095,
0.1622


279.0187, 0.2637,
0.2408


 16.2541, 0.1961,
0.1451


 52.0423, 0.2293,
0.1891

 9.7041, 0.1793,
0.1247


 70.6324, 0.2367,
0.1997

 5.2032, 0.1580,
0.1006


 93.1936, 0.2430,
0.2089

 2.3670, 0.1308,
0.0727

120.1101, 0.2484,
0.2169

 0.8088, 0.0963,
0.0421

151.7666, 0.2530,
0.2240

 0.0000, 0.0531,
0.0000

188.5472, 0.2570,

 0.0000, 0.0000,

0.2302

0.0000

230.8364, 0.2606,
0.2358

■ 25.2375, 0.2095,
0.1622

■ 25.2375, 0.2095,
0.1622

■ 18.3409, 0.1896,
0.1292

■ 34.1455, 0.2308,
0.1971

■ 13.2969, 0.1727,
0.1007

■ 45.2025, 0.2520,
0.2317

■ 9.9272, 0.1601,
0.0791

■ 58.5363, 0.2722,
0.2642

■ 8.0165, 0.1528,
0.0658

■ 74.2646, 0.2906,
0.2938

■ 7.4253, 0.1504,
0.0615

■ 92.4965, 0.3071,
0.3200

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.



25.2375, 0.1455, 0.1588



25.2375, 0.2095, 0.1622



25.2375, 0.3178, 0.1942

Triad

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



25.2375, 0.2095, 0.1622



25.2375, 0.5453, 0.3991



25.2375, 0.1752, 0.4138

Complementary

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



25.2375, 0.2095, 0.1622



90.8859, 0.3932, 0.4543

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.



25.2375, 0.2675, 0.5466



25.2375, 0.2095, 0.1622



25.2375, 0.4783, 0.4854

Square

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



25.2375, 0.2095, 0.1622



25.2375, 0.5420, 0.3214



25.2375, 0.3771, 0.5584



25.2375, 0.1266, 0.2708

Rectangle

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



25.2375, 0.2095, 0.1622



25.2375, 0.4070, 0.2298



25.2375, 0.3771, 0.5584



25.2375, 0.2019, 0.4664

Sweetspot

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



25.2383, 0.2095, 0.1622



70.5111, 0.2866, 0.2874



82.1535, 0.2467, 0.3368



14.3808, 0.2829, 0.2814



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.



25.2383, 0.2095, 0.1622



18.1928, 0.1891, 0.1284



29.8194, 0.2527, 0.1742



17.4856, 0.2978, 0.3053



3.9266, 0.1506, 0.0622



0.4186, 0.1521, 0.0674

Inverse Universe

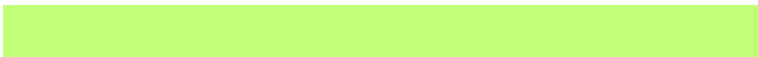
The Inverse Universe completely reimagines the original color for something new.



35.6328, 0.4669, 0.3244



29.7587, 0.5148, 0.3242



84.2062, 0.3482, 0.4799



17.9980, 0.3289, 0.3282



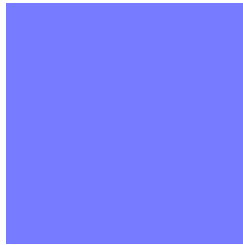
11.1244, 0.6363, 0.3279



1.0868, 0.6275, 0.3230

Previews

White Background



This preview shows how the Yxy color 25.2375, 0.2095, 0.1622 looks on a white background.

Color Contrast Check

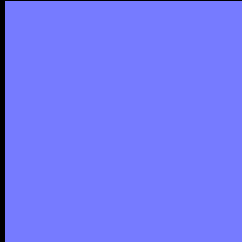
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2375, 0.2095, 0.1622 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 25.2375, 0.2095, 0.1622

Background



This preview shows how black text looks on a background with the Yxy color 25.2375, 0.2095, 0.1622.



This preview shows how white text looks on a background with the Yxy color 25.2375, 0.2095, 0.1622.

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

25.2375, 0.2095, 0.1622

Protanopia

25.4115, 0.1913, 0.1666

Deuteranopia

25.4716, 0.1828, 0.1779



Tritanopia

25.3019, 0.2482, 0.3073

Trichromacy



Original Color

25.2375, 0.2095, 0.1622

Protanomaly

25.0444, 0.1963, 0.1638

Deuteranomaly

24.4659, 0.1847, 0.1687

Tritanomaly

24.6134, 0.2308, 0.2392

Monochromacy



Original Color

25.2375, 0.2095, 0.1622

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.5436, 0.2654, 0.2535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2375, 0.2095, 0.1622 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(118, 123, 255)` looks like.

```
.text, #text, p{  
    color:rgb(118, 123, 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(118, 123, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 123, 255) }
```

Border

The CSS property to change the border of an element to Yxy 25.2375, 0.2095, 0.1622 is called "border". The border property can be set on classes, ids or directly on the HTML element.

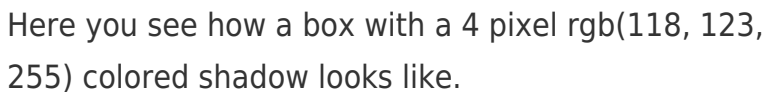
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 123, 255) }
```

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

```
.border{ border-color:rgb(118, 123, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 123, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 123, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 123, 255);  
box-shadow:4px 4px 4px 4px rgb(118, 123,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2375, 0.2095, 0.1622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 123, 255) }
```

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

```
.background{ background-color: rgb(118,  
123, 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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