

Converting Colors

Yxy(24.7626, 0.2091, 0.1600)

Have a look what the booklet for
Yxy(24.7626, 0.2091, 0.1600)
contains.

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Color

Yxy(24.7463, 0.2091, 0.1599)

Conversions

Conversions Part 1

Format	Color
Hex	7679FF
RGB	118, 121, 255
RGB Percent	46%, 47%, 100%
CMY	0.5370, 0.5255, 0.0001
CMYK	0.54, 0.53, 0.00, 0.00
HSL	239°, 100%, 73%
HSV	239°, 54%, 100%
XYZ	32.3605, 24.7463, 97.6543
YIQ	135.3790, -44.8020, 41.0380

Conversions

Conversions Part 2

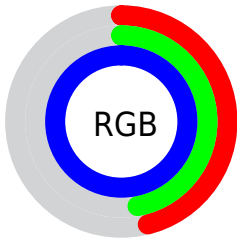
Format	Color
R _Y B	118, 121, 255
Decimal	7764479
CIE Lab	56.83, 35.23, -67.31
CIE LCh	57, 75.970, 297.625
Yxy	24.7463, 0.2091, 0.1599
Android (android.graphics.Color)	4285954559 (0xFF7679FF)
YUV	135.3790, 58.9732, -15.2414
Hunter-Lab	49.7457, 29.0629, -81.5685

Details

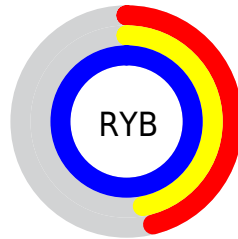
The Yxy color **24.7463, 0.2091, 0.1599** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **92.2114, 0.3921, 0.4558**, and the grayscale version is **24.1702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.5721, 0.2583, 0.2342**, and **9.5001, 0.1790, 0.1230** is the 20% darker color. If you saturate the color by 10%, you get **17.8960, 0.1891, 0.1267**, and if you desaturate by 10%, it is **33.6485, 0.2305, 0.1952**.

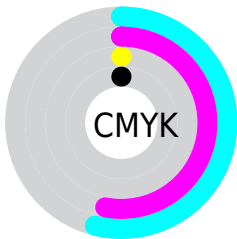
Distribution



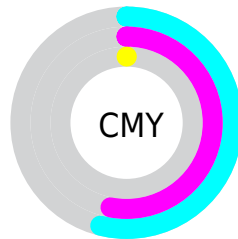
- Red (46%)
- Green (47%)
- Blue (100%)



- Red (46%)
- Yellow (47%)
- Blue (100%)



- Cyan (54%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)





- Cyan (54%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7463, 0.2091, 0.1599 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 24.7463, 0.2091, 0.1599 by changing the saturation by 10% instead.


 24.7463, 0.2091,
0.1599


 24.7463, 0.2091,
0.1599


276.5721, 0.2636,
0.2395


 15.8881, 0.1956,
0.1426


 51.2453, 0.2290,
0.1871

 9.4450, 0.1787,
0.1221


 69.6550, 0.2365,
0.1978

 5.0326, 0.1572,
0.0979


 92.0173, 0.2428,
0.2071

 2.2664, 0.1297,
0.0700

118.7167, 0.2482,
0.2153

 0.7558, 0.0950,
0.0396

150.1374, 0.2529,
0.2224

 0.0000, 0.0513,
0.0000

186.6640, 0.2569,

 0.0000, 0.0000,

0.2288

0.0000

228.6808, 0.2605,
0.2344

■ 24.7463, 0.2091,
0.1599

■ 24.7463, 0.2091,
0.1599

■ 17.8960, 0.1891,
0.1267

■ 33.6485, 0.2305,
0.1952

■ 12.9317, 0.1721,
0.0984

■ 44.7460, 0.2519,
0.2302

■ 9.6662, 0.1597,
0.0773

■ 58.1720, 0.2722,
0.2633

■ 7.8722, 0.1525,
0.0648

■ 74.0486, 0.2907,
0.2933

■ 7.3366, 0.1503,
0.0609

■ 92.4893, 0.3072,
0.3200

99.9982, 0.3127,
0.3290

Harmonies

Analogous

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



24.7463, 0.1436, 0.1558



24.7463, 0.2091, 0.1599



24.7463, 0.3201, 0.1928

Triad

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



24.7463, 0.2091, 0.1599



24.7463, 0.5486, 0.4004



24.7463, 0.1710, 0.4127

Complementary

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



24.7463, 0.2091, 0.1599



92.2114, 0.3921, 0.4558

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.



24.7463, 0.2637, 0.5509



24.7463, 0.2091, 0.1599



24.7463, 0.4785, 0.4886

Square

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



24.7463, 0.2091, 0.1599



24.7463, 0.5478, 0.3218



24.7463, 0.3749, 0.5638



24.7463, 0.1230, 0.2669

Rectangle

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



24.7463, 0.2091, 0.1599



24.7463, 0.4114, 0.2290



24.7463, 0.3749, 0.5638



24.7463, 0.1977, 0.4671

Sweetspot

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



24.7471, 0.2091, 0.1599



70.1843, 0.2866, 0.2867



82.2857, 0.2458, 0.3341



14.3043, 0.2829, 0.2806



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.



24.7471, 0.2091, 0.1599



17.7222, 0.1885, 0.1258



30.1293, 0.2547, 0.1751



17.4400, 0.2978, 0.3049



3.8614, 0.1504, 0.0613



0.3969, 0.1512, 0.0643

Inverse Universe

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



35.6066, 0.4693, 0.3266



29.7112, 0.5180, 0.3265



83.8983, 0.3467, 0.4805



17.9934, 0.3291, 0.3285



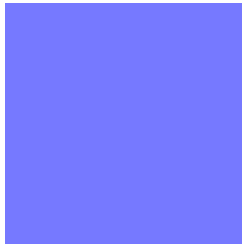
11.1178, 0.6379, 0.3288



1.0846, 0.6327, 0.3259

Previews

White Background



This preview shows how the Yxy color 24.7463, 0.2091, 0.1599 looks on a white background.

Color Contrast Check

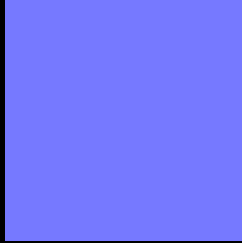
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7463, 0.2091, 0.1599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

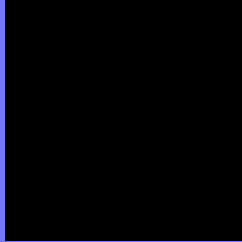
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7463, 0.2091, 0.1599

Background



This preview shows how black text looks on a background with the Yxy color 24.7463, 0.2091, 0.1599.



This preview shows how white text looks on a background with the Yxy color 24.7463, 0.2091, 0.1599.

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

24.7463, 0.2091, 0.1599

Protanopia

24.9877, 0.1896, 0.1648

Deuteranopia

24.7086, 0.1827, 0.1776



Tritanopia

24.5699, 0.2482, 0.3070

Trichromacy



Original Color

24.7463, 0.2091, 0.1599

Protanomaly

24.6846, 0.1951, 0.1622

Deuteranomaly

23.7934, 0.1844, 0.1676

Tritanomaly

23.9454, 0.2301, 0.2370

Monochromacy



Original Color

24.7463, 0.2091, 0.1599

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.8871, 0.2650, 0.2515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7463, 0.2091, 0.1599 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, 121, 255)` looks like.

```
.text, #text, p{  
    color:rgb(118, 121, 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, 121, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 121, 255) }
```

Border

The CSS property to change the border of an element to Yxy 24.7463, 0.2091, 0.1599 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, 121, 255) }
```

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

```
.border{ border-color:rgb(118, 121, 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, 121, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 121, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 121, 255);  
box-shadow:4px 4px 4px 4px rgb(118, 121,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7463, 0.2091, 0.1599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 121, 255) }
```

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

```
.background{ background-color: rgb(118,  
121, 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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