

Converting Colors

Yxy(56.4891, 0.2749, 0.2681)

Have a look what the booklet for
Yxy(56.4891, 0.2749, 0.2681)
contains.

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Color

Yxy(56.5674, 0.2745, 0.2678)

Conversions

Conversions Part 1

Format	Color
Hex	C0C2F8
RGB	192, 194, 248
RGB Percent	75%, 76%, 97%
CMY	0.2469, 0.2393, 0.0274
CMYK	0.23, 0.22, 0.00, 0.03
HSL	238°, 80%, 86%
HSV	238°, 23%, 97%
XYZ	57.9826, 56.5674, 96.6800
YIQ	199.5580, -18.5260, 16.3700

Conversions

Conversions Part 2

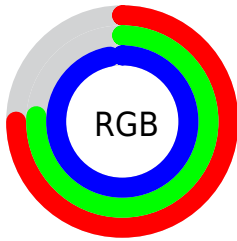
Format	Color
RYB	192, 194, 248
Decimal	12632824
CIELab	79.94, 10.54, -26.82
CIELCh	80, 28.821, 291.452
Yxy	56.5674, 0.2745, 0.2678
Android (android.graphics.Color)	4290822904 (0xFFC0C2F8)
YUV	199.5580, 23.8819, -6.6284
Hunter-Lab	75.2113, 5.9912, -23.5661

Details

The Yxy color $56.5674, 0.2745, 0.2678$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $89.7194, 0.3473, 0.3836$, and the grayscale version is $57.3373, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.7310, 0.3092, 0.3242$, and $28.2146, 0.2654, 0.2546$ is the 20% darker color. If you saturate the color by 10%, you get $43.7889, 0.2546, 0.2356$, and if you desaturate by 10%, it is $71.6123, 0.2927, 0.2970$.

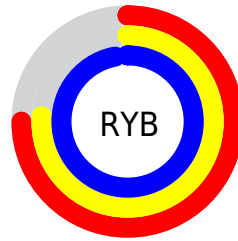
Distribution



Red (75%)

Green (76%)

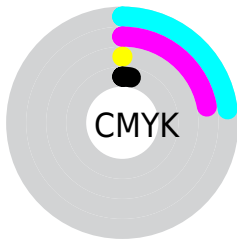
Blue (97%)



Red (75%)

Yellow (76%)

Blue (97%)

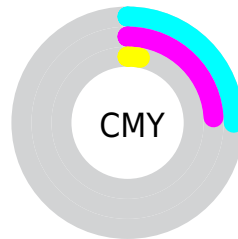


Cyan (23%)

Magenta (22%)

Yellow (0%)

Black (3%)



Cyan (25%)

Magenta (24%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.5674, 0.2745, 0.2678 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 56.5674, 0.2745, 0.2678 by changing the saturation by 10% instead.

■ 56.5674, 0.2745,
0.2678

■ 56.5674, 0.2745,
0.2678

■ 411.8263, 0.2930,
0.2964

■ 40.6580, 0.2701,
0.2613

■ 99.8337, 0.2810,
0.2777

■ 28.0520, 0.2646,
0.2532

■ 127.9594, 0.2835,
0.2816

■ 18.3648, 0.2576,
0.2430

■ 160.9260, 0.2857,
0.2849

■ 11.2122, 0.2482,
0.2297

■ 199.1179, 0.2875,
0.2878

■ 6.2098, 0.2351,
0.2117

■ 242.9195, 0.2891,
0.2903

■ 2.9731, 0.2160,
0.1865

■ 292.7152, 0.2906,

■ 1.1177, 0.1858,

0.2926

0.1492

348.8893, 0.2918,
0.2946

0.0000, 0.1031,
0.0000

0.0000, 0.0000,
0.0000

56.5674, 0.2745,
0.2678

56.5674, 0.2745,
0.2678

43.7889, 0.2546,
0.2356

71.6123, 0.2927,
0.2970

33.1606, 0.2334,
0.2012

89.0188, 0.3089,
0.3229

24.5663, 0.2121,
0.1662

99.5582, 0.3168,
0.3357

17.8763, 0.1919,
0.1328

■ 12.9456, 0.1745,
0.1036

■ 9.6087, 0.1614,
0.0812

■ 7.6685, 0.1534,
0.0669

■ 6.9654, 0.1504,
0.0615

Harmonies

Analogous

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



56.5674, 0.2506, 0.2721



56.5674, 0.2745, 0.2678



56.5674, 0.3098, 0.2779

Triad

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



56.5674, 0.2745, 0.2678



56.5674, 0.3882, 0.3595



56.5674, 0.2766, 0.3605

Complementary

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



56.5674, 0.2745, 0.2678



89.7194, 0.3473, 0.3836

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.



56.5674, 0.3120, 0.3884



56.5674, 0.2745, 0.2678



56.5674, 0.3774, 0.3850

Square

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



56.5674, 0.2745, 0.2678



56.5674, 0.3774, 0.3288



56.5674, 0.3491, 0.3968



56.5674, 0.2517, 0.3239

Rectangle

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



56.5674, 0.2745, 0.2678



56.5674, 0.3356, 0.2914



56.5674, 0.3491, 0.3968



56.5674, 0.2876, 0.3715

Sweetspot

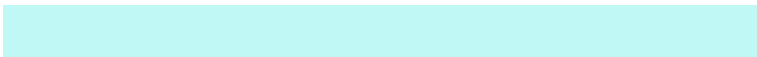
The Sweet Spot groups the original color and five complimentary colors.



56.5697, 0.2745, 0.2678



86.2660, 0.3019, 0.3118



84.9614, 0.2806, 0.3319



18.2238, 0.3010, 0.3103



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.



56.5697, 0.2745, 0.2678



53.8774, 0.2658, 0.2537



59.2838, 0.2923, 0.2687



16.7397, 0.2979, 0.3053



3.8036, 0.1506, 0.0621



0.3853, 0.1520, 0.0673

Inverse Universe

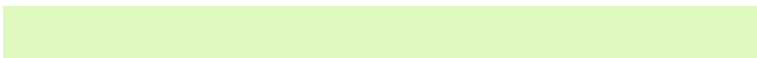
The Inverse Universe completely reimagines the original color for something new.



61.5722, 0.3576, 0.3271



60.0954, 0.3695, 0.3267



86.6117, 0.3297, 0.3887



17.2350, 0.3289, 0.3282



10.7949, 0.6365, 0.3280



1.0031, 0.6278, 0.3232

Previews

White Background



This preview shows how the Yxy color 56.5674, 0.2745, 0.2678 looks on a white background.

Color Contrast Check

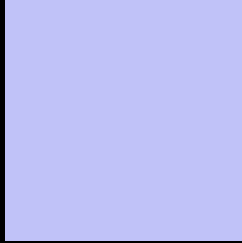
Large Text (above 18pt) WCAG AA × Fail

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 56.5674, 0.2745, 0.2678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

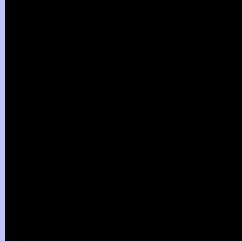
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5674, 0.2745, 0.2678

Background



This preview shows how black text looks on a background with the Yxy color 56.5674, 0.2745, 0.2678.



This preview shows how white text looks on a background with the Yxy color 56.5674, 0.2745, 0.2678.

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

56.5674, 0.2745, 0.2678

Protanopia

56.6337, 0.2694, 0.2684

Deuteranopia

56.5674, 0.2745, 0.2678



Tritanopia

56.7055, 0.2911, 0.3097

Trichromacy



Original Color

56.5674, 0.2745, 0.2678

Protanomaly

56.5611, 0.2713, 0.2675

Deuteranomaly

56.5674, 0.2745, 0.2678

Tritanomaly

56.6810, 0.2846, 0.2936

Monochromacy



Original Color

56.5674, 0.2745, 0.2678

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.2682, 0.2985, 0.3066

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5674, 0.2745, 0.2678 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(192, 194, 248)` looks like.

```
.text, #text, p{  
    color:rgb(192, 194, 248)  
}
```

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(192, 194, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 194, 248) }
```

Border

The CSS property to change the border of an element to Yxy 56.5674, 0.2745, 0.2678 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(192, 194, 248) }
```

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

```
.border{ border-color:rgb(192, 194, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 194, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 194, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 194, 248);  
box-shadow:4px 4px 4px 4px rgb(192, 194,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5674, 0.2745, 0.2678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 194, 248) }
```

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

```
.background{ background-color: rgb(192,  
194, 248) }
```

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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