

Converting Colors

$Yxy(58.5967, 0.2726, 0.2687)$

Have a look what the booklet for
Yxy(58.5967, 0.2726, 0.2687)
contains.

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Color

Yxy(58.6229, 0.2724, 0.2684)

Conversions

Conversions Part 1

Format	Color
Hex	C0C6FC
RGB	192, 198, 252
RGB Percent	75%, 78%, 99%
CMY	0.2473, 0.2235, 0.0117
CMYK	0.24, 0.21, 0.00, 0.01
HSL	234°, 91%, 87%
HSV	234°, 24%, 99%
XYZ	59.4966, 58.6229, 100.2967
YIQ	202.3620, -20.9100, 15.5220

Conversions

Conversions Part 2

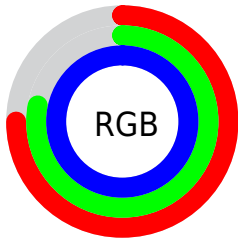
Format	Color
R _Y B	192, 197, 252
Decimal	12633852
CIE Lab	81.08, 9.25, -27.21
CIE LCh	81, 28.741, 288.774
Yxy	58.6229, 0.2724, 0.2684
Android (android.graphics.Color)	4290823932 (0xFFC0C6FC)
YUV	202.3620, 24.4715, -9.0875
Hunter-Lab	76.5656, 4.7166, -24.0707

Details

The Yxy color **58.6229, 0.2724, 0.2684** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.3933, 0.3501, 0.3831**, and the grayscale version is **59.1521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **29.2050, 0.2620, 0.2539** is the 20% darker color. If you saturate the color by 10%, you get **46.0170, 0.2528, 0.2381**, and if you desaturate by 10%, it is **73.3462, 0.2905, 0.2960**.

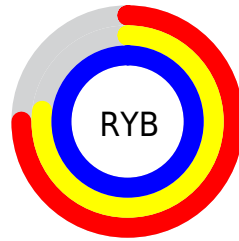
Distribution



Red (75%)

Green (78%)

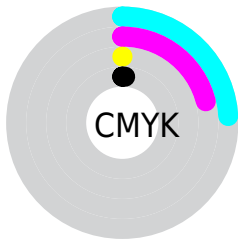
Blue (99%)



Red (75%)

Yellow (77%)

Blue (99%)

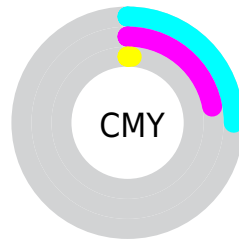


Cyan (24%)

Magenta (21%)

Yellow (0%)

Black (1%)



Cyan (25%)

Magenta (22%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.6229, 0.2724, 0.2684 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 58.6229, 0.2724, 0.2684 by changing the saturation by 10% instead.

■ 58.6229, 0.2724,
0.2684

■ 58.6229, 0.2724,
0.2684

419.5030, 0.2917,
0.2966

■ 42.3096, 0.2679,
0.2620

■ 102.8294, 0.2792,
0.2782

■ 29.3438, 0.2622,
0.2541

131.4914, 0.2818,
0.2820

■ 19.3411, 0.2550,
0.2441

165.0384, 0.2841,
0.2853

■ 11.9170, 0.2454,
0.2311

203.8549, 0.2860,
0.2881

■ 6.6872, 0.2322,
0.2138

248.3252, 0.2877,
0.2906

■ 3.2672, 0.2131,
0.1894

298.8337, 0.2892,

■ 1.2728, 0.1835,

0.2928

0.1536

355.7649, 0.2905,
0.2948

0.1200, 0.1157,
0.0409

0.0000, 0.0000,
0.0000

58.6229, 0.2724,
0.2684

58.6229, 0.2724,
0.2684

46.0170, 0.2528,
0.2381

73.3462, 0.2905,
0.2960

35.4244, 0.2322,
0.2056

90.2710, 0.3069,
0.3204

26.7422, 0.2115,
0.1724

99.8100, 0.3144,
0.3318

19.8562, 0.1921,
0.1403

■ 14.6393, 0.1754,
0.1114

■ 10.9481, 0.1625,
0.0881

■ 8.6138, 0.1544,
0.0718

■ 7.7442, 0.1515,
0.0654

Harmonies

Analogous

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



58.6229, 0.2501, 0.2740



58.6229, 0.2724, 0.2684



58.6229, 0.3065, 0.2772

Triad

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



58.6229, 0.2724, 0.2684



58.6229, 0.3870, 0.3566



58.6229, 0.2799, 0.3631

Complementary

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



58.6229, 0.2724, 0.2684



90.3933, 0.3501, 0.3831

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.



58.6229, 0.3154, 0.3891



58.6229, 0.2724, 0.2684



58.6229, 0.3782, 0.3824

Square

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



58.6229, 0.2724, 0.2684



58.6229, 0.3745, 0.3261



58.6229, 0.3516, 0.3955



58.6229, 0.2542, 0.3272

Rectangle

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



58.6229, 0.2724, 0.2684



58.6229, 0.3319, 0.2899



58.6229, 0.3516, 0.3955



58.6229, 0.2911, 0.3735

Sweetspot

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



58.6253, 0.2724, 0.2684



86.9551, 0.3019, 0.3130



87.4317, 0.2810, 0.3364



18.3827, 0.3010, 0.3116



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.



58.6253, 0.2724, 0.2684



53.2365, 0.2624, 0.2530



59.1519, 0.2880, 0.2644



16.9248, 0.2979, 0.3070



4.1285, 0.1519, 0.0668



0.4732, 0.1557, 0.0806

Inverse Universe

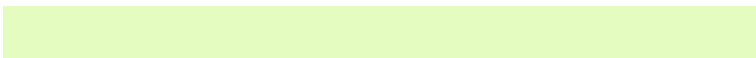
The Inverse Universe completely reimagines the original color for something new.



62.4563, 0.3576, 0.3228



57.9812, 0.3708, 0.3214



90.0993, 0.3333, 0.3919



17.2537, 0.3278, 0.3266



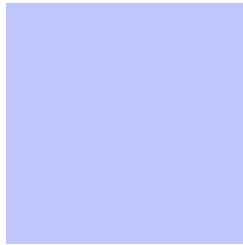
10.8277, 0.6286, 0.3236



1.0120, 0.6061, 0.3112

Previews

White Background



This preview shows how the Yxy color 58.6229, 0.2724, 0.2684 looks on a white background.

Color Contrast Check

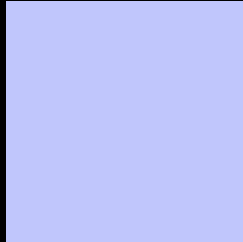
Large Text (above 18pt) WCAG AA × Fail

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 58.6229, 0.2724, 0.2684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

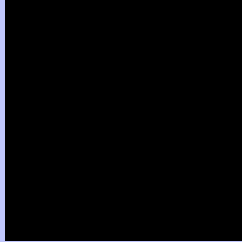
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.6229, 0.2724, 0.2684

Background



This preview shows how black text looks on a background with the Yxy color 58.6229, 0.2724, 0.2684.



This preview shows how white text looks on a background with the Yxy color 58.6229, 0.2724, 0.2684.

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

58.6229, 0.2724, 0.2684

Protanopia

58.6301, 0.2693, 0.2681

Deuteranopia

58.4301, 0.2737, 0.2675



Tritanopia

58.7921, 0.2886, 0.3099

Trichromacy



Original Color

58.6229, 0.2724, 0.2684

Protanomaly

58.7575, 0.2700, 0.2682

Deuteranomaly

58.2982, 0.2730, 0.2674

Tritanomaly

58.7586, 0.2823, 0.2939

Monochromacy



Original Color

58.6229, 0.2724, 0.2684

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.9464, 0.2972, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6229, 0.2724, 0.2684 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, 198, 252)` looks like.

```
.text, #text, p{  
    color:rgb(192, 198, 252)  
}
```

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, 198, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 198, 252) }
```

Border

The CSS property to change the border of an element to Yxy 58.6229, 0.2724, 0.2684 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, 198, 252) }
```

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

```
.border{ border-color:rgb(192, 198, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 198, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 198, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 198, 252);  
box-shadow:4px 4px 4px 4px rgb(192, 198,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6229, 0.2724, 0.2684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 198, 252) }
```

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

```
.background{ background-color: rgb(192,  
198, 252) }
```

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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