

Converting Colors

$Yxy(58.6375, 0.2718, 0.2826)$

Have a look what the booklet for
Yxy(58.6375, 0.2718, 0.2826)
contains.

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Color

Yxy(58.5969, 0.2722, 0.2826)

Conversions

Conversions Part 1

Format	Color
Hex	B6CAF2
RGB	182, 202, 242
RGB Percent	71%, 79%, 95%
CMY	0.2861, 0.2078, 0.0511
CMYK	0.25, 0.17, 0.00, 0.05
HSL	220°, 70%, 83%
HSV	220°, 25%, 95%
XYZ	56.4405, 58.5969, 92.3119
YIQ	200.5800, -24.7600, 8.2000

Conversions

Conversions Part 2

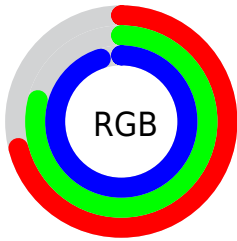
Format	Color
R _Y B	182, 197, 242
Decimal	11979506
CIE Lab	81.07, 1.86, -21.93
CIE LCh	81, 22.008, 274.847
Yxy	58.5969, 0.2722, 0.2826
Android (android.graphics.Color)	4290169586 (0xFFB6CAF2)
YUV	200.5800, 20.4201, -16.2947
Hunter-Lab	76.5486, -2.3493, -17.9153

Details

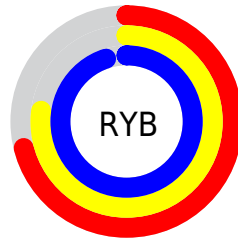
The Yxy color **58.5969, 0.2722, 0.2826** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.4936, 0.3549, 0.3714**, and the grayscale version is **58.0220, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **29.3142, 0.2618, 0.2707** is the 20% darker color. If you saturate the color by 10%, you get **48.7220, 0.2544, 0.2602**, and if you desaturate by 10%, it is **69.7773, 0.2893, 0.3029**.

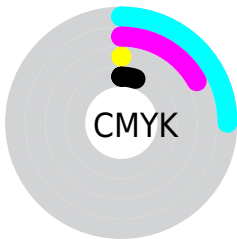
Distribution



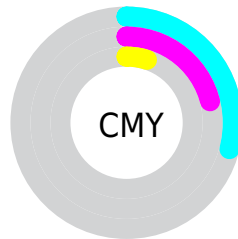
- Red (71%)
- Green (79%)
- Blue (95%)



- Red (71%)
- Yellow (77%)
- Blue (95%)



- Cyan (25%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (29%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.5969, 0.2722, 0.2826 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 58.5969, 0.2722, 0.2826 by changing the saturation by 10% instead.

■ 58.5969, 0.2722,
0.2826

■ 58.5969, 0.2722,
0.2826

419.4065, 0.2915,
0.3046

■ 42.2887, 0.2677,
0.2775

■ 102.7916, 0.2790,
0.2903

■ 29.3274, 0.2621,
0.2711

131.4468, 0.2816,
0.2933

■ 19.3287, 0.2548,
0.2630

164.9866, 0.2838,
0.2958

■ 11.9080, 0.2453,
0.2523

203.7952, 0.2858,
0.2980

■ 6.6811, 0.2321,
0.2376

248.2571, 0.2875,
0.3000

■ 3.2634, 0.2129,
0.2163

298.7567, 0.2890,

■ 1.2708, 0.1827,

0.3017

0.1833

355.6784, 0.2903,
0.3032

0.1184, 0.0745,
0.0558

0.0000, 0.0000,
0.0000

58.5969, 0.2722,
0.2826

58.5969, 0.2722,
0.2826

48.7220, 0.2544,
0.2602

69.7773, 0.2893,
0.3029

40.0952, 0.2363,
0.2361

82.3036, 0.3054,
0.3211

32.6649, 0.2185,
0.2107

96.2232, 0.3204,
0.3372

26.3728, 0.2018,
0.1848

99.1887, 0.3203,
0.3415

■ 21.1550, 0.1870,
0.1594

■ 16.9399, 0.1750,
0.1356

■ 13.6443, 0.1661,
0.1147

■ 12.2349, 0.1625,
0.1050

Harmonies

Analogous

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



58.5969, 0.2602, 0.2929



58.5969, 0.2722, 0.2826



58.5969, 0.2951, 0.2841

Triad

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



58.5969, 0.2722, 0.2826



58.5969, 0.3669, 0.3401



58.5969, 0.3000, 0.3653

Complementary

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



58.5969, 0.2722, 0.2826



74.4936, 0.3549, 0.3714

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.



58.5969, 0.3285, 0.3787



58.5969, 0.2722, 0.2826



58.5969, 0.3680, 0.3623

Square

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



58.5969, 0.2722, 0.2826



58.5969, 0.3505, 0.3164



58.5969, 0.3536, 0.3770



58.5969, 0.2756, 0.3408

Rectangle

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



58.5969, 0.2722, 0.2826



58.5969, 0.3141, 0.2912



58.5969, 0.3536, 0.3770



58.5969, 0.3094, 0.3714

Sweetspot

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



58.5993, 0.2722, 0.2826



89.4091, 0.3019, 0.3172



78.7066, 0.2869, 0.3516



18.9495, 0.3009, 0.3161



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.



58.5993, 0.2722, 0.2826



59.9222, 0.2628, 0.2710



51.0891, 0.2773, 0.2599



16.0890, 0.2980, 0.3128



6.7986, 0.1633, 0.1079



0.7418, 0.1706, 0.1341

Inverse Universe

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



56.6061, 0.3478, 0.3076



57.6590, 0.3578, 0.3027



84.0147, 0.3431, 0.3924



15.8457, 0.3241, 0.3212



10.4797, 0.5640, 0.2881



0.8896, 0.5271, 0.2677

Previews

White Background



This preview shows how the Yxy color 58.5969, 0.2722, 0.2826 looks on a white background.

Color Contrast Check

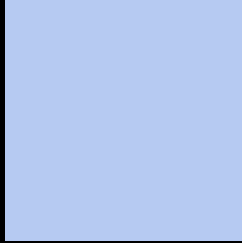
Large Text (above 18pt) WCAG AA × Fail

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 58.5969, 0.2722, 0.2826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

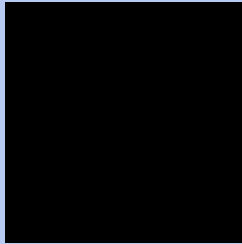
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

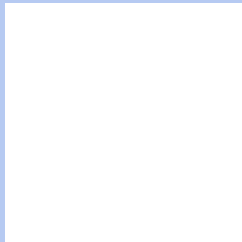
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5969, 0.2722, 0.2826

Background



This preview shows how black text looks on a background with the Yxy color 58.5969, 0.2722, 0.2826.



This preview shows how white text looks on a background with the Yxy color 58.5969, 0.2722, 0.2826.

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

58.5969, 0.2722, 0.2826

Protanopia

58.3446, 0.2798, 0.2820

Deuteranopia

58.6829, 0.2834, 0.2773



Tritanopia

58.4015, 0.2819, 0.3084

Trichromacy



Original Color

58.5969, 0.2722, 0.2826

Protanomaly

58.3508, 0.2766, 0.2818

Deuteranomaly

58.6554, 0.2786, 0.2789

Tritanomaly

58.4266, 0.2782, 0.2992

Monochromacy



Original Color

58.5969, 0.2722, 0.2826

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.2005, 0.2969, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5969, 0.2722, 0.2826 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(182, 202, 242)` looks like.

```
.text, #text, p{  
    color:rgb(182, 202, 242)  
}
```

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(182, 202, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 202, 242) }
```

Border

The CSS property to change the border of an element to Yxy 58.5969, 0.2722, 0.2826 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(182, 202, 242) }
```

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

```
.border{ border-color:rgb(182, 202, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 202, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 202, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 202, 242);  
box-shadow:4px 4px 4px 4px rgb(182, 202,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5969, 0.2722, 0.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 202, 242) }
```

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

```
.background{ background-color: rgb(182,  
202, 242) }
```

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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