

Converting Colors

Yxy(60.6064, 0.2774, 0.2901)

Have a look what the booklet for
Yxy(60.6064, 0.2774, 0.2901)
contains.

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Color

Yxy(60.4594, 0.2775, 0.2898)

Conversions

Conversions Part 1

Format	Color
Hex	BBCDEF
RGB	187, 205, 239
RGB Percent	73%, 80%, 94%
CMY	0.2669, 0.1960, 0.0628
CMYK	0.22, 0.14, 0.00, 0.06
HSL	219°, 62%, 84%
HSV	219°, 22%, 94%
XYZ	57.8933, 60.4594, 90.2719
YIQ	203.4940, -21.6420, 6.7580

Conversions

Conversions Part 2

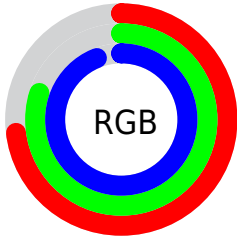
Format	Color
R _Y B	187, 200, 239
Decimal	12307951
CIE Lab	82.09, 1.05, -18.77
CIE LCh	82, 18.799, 273.196
Yxy	60.4594, 0.2775, 0.2898
Android (android.graphics.Color)	4290498031 (0xFFBBCDEF)
YUV	203.4940, 17.5045, -14.4652
Hunter-Lab	77.7556, -3.1694, -14.4049

Details

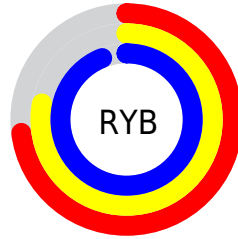
The Yxy color **60.4594, 0.2775, 0.2898** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.6036, 0.3494, 0.3653**, and the grayscale version is **59.9416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **30.5387, 0.2687, 0.2802** is the 20% darker color. If you saturate the color by 10%, you get **50.5995, 0.2600, 0.2685**, and if you desaturate by 10%, it is **71.5698, 0.2943, 0.3090**.

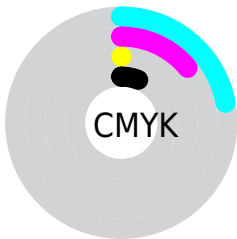
Distribution



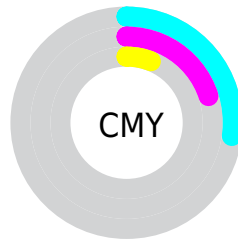
- Red (73%)
- Green (80%)
- Blue (94%)



- Red (73%)
- Yellow (78%)
- Blue (94%)



- Cyan (22%)
- Magenta (14%)
- Yellow (0%)
- Black (6%)



- Cyan (27%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4594, 0.2775, 0.2898 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 60.4594, 0.2775, 0.2898 by changing the saturation by 10% instead.

■ 60.4594, 0.2775,
0.2898

■ 60.4594, 0.2775,
0.2898

426.2890, 0.2942,
0.3083

■ 43.7890, 0.2736,
0.2855

■ 105.4958, 0.2834,
0.2963

■ 30.5047, 0.2687,
0.2801

134.6306, 0.2856,
0.2988

■ 20.2220, 0.2625,
0.2732

168.6890, 0.2876,
0.3010

■ 12.5565, 0.2543,
0.2642

208.0555, 0.2892,
0.3028

■ 7.1239, 0.2429,
0.2517

253.1143, 0.2907,
0.3045

■ 3.5397, 0.2262,
0.2334

304.2499, 0.2920,

■ 1.4196, 0.1997,

0.3059

0.2047

361.8467, 0.2932,
0.3072

0.2311, 0.1128,
0.1063

0.0000, 0.0000,
0.0000

60.4594, 0.2775,
0.2898

60.4594, 0.2775,
0.2898

50.5995, 0.2600,
0.2685

71.5698, 0.2943,
0.3090

41.9364, 0.2420,
0.2454

83.9673, 0.3100,
0.3262

34.4228, 0.2243,
0.2209

96.9983, 0.3223,
0.3414

28.0053, 0.2074,
0.1956

99.0115, 0.3220,
0.3444

■ 22.6256, 0.1921,
0.1703

■ 18.2187, 0.1793,
0.1463

■ 14.7104, 0.1695,
0.1245

■ 12.4176, 0.1636,
0.1088

Harmonies

Analogous

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



60.4594, 0.2677, 0.2993



60.4594, 0.2775, 0.2898



60.4594, 0.2967, 0.2904

Triad

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



60.4594, 0.2775, 0.2898



60.4594, 0.3580, 0.3376



60.4594, 0.3033, 0.3604

Complementary

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



60.4594, 0.2775, 0.2898



73.6036, 0.3494, 0.3653

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.



60.4594, 0.3275, 0.3710



60.4594, 0.2775, 0.2898



60.4594, 0.3597, 0.3566

Square

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



60.4594, 0.2775, 0.2898



60.4594, 0.3436, 0.3173



60.4594, 0.3483, 0.3692



60.4594, 0.2822, 0.3403

Rectangle

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



60.4594, 0.2775, 0.2898



60.4594, 0.3126, 0.2961



60.4594, 0.3483, 0.3692



60.4594, 0.3114, 0.3652

Sweetspot

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



60.4619, 0.2775, 0.2898



89.5606, 0.3019, 0.3174



77.4942, 0.2904, 0.3496



18.9845, 0.3009, 0.3164



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.



60.4619, 0.2775, 0.2898



64.9500, 0.2700, 0.2809



53.3185, 0.2816, 0.2691



16.1265, 0.2980, 0.3131



7.0838, 0.1644, 0.1116



0.7687, 0.1716, 0.1378

Inverse Universe

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



58.2757, 0.3419, 0.3095



62.2658, 0.3494, 0.3054



82.3328, 0.3400, 0.3844



15.8495, 0.3239, 0.3208



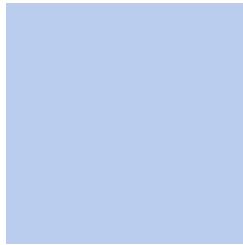
10.5085, 0.5587, 0.2851



0.8923, 0.5220, 0.2649

Previews

White Background



This preview shows how the Yxy color 60.4594, 0.2775, 0.2898 looks on a white background.

Color Contrast Check

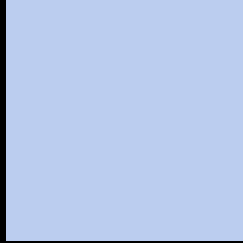
Large Text (above 18pt) WCAG AA × Fail

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 60.4594, 0.2775, 0.2898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

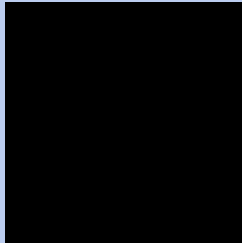
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4594, 0.2775, 0.2898

Background



This preview shows how black text looks on a background with the Yxy color 60.4594, 0.2775, 0.2898.



This preview shows how white text looks on a background with the Yxy color 60.4594, 0.2775, 0.2898.

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

60.4594, 0.2775, 0.2898

Protanopia

60.2258, 0.2854, 0.2892

Deuteranopia

60.2599, 0.2897, 0.2833



Tritanopia

60.6839, 0.2849, 0.3100

Trichromacy



Original Color

60.4594, 0.2775, 0.2898

Protanomaly

60.2224, 0.2820, 0.2889

Deuteranomaly

60.2067, 0.2848, 0.2850

Tritanomaly

60.5971, 0.2824, 0.3031

Monochromacy



Original Color

60.4594, 0.2775, 0.2898

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.0139, 0.2992, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4594, 0.2775, 0.2898 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(187, 205, 239)` looks like.

```
.text, #text, p{  
    color:rgb(187, 205, 239)  
}
```

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(187, 205, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 205, 239) }
```

Border

The CSS property to change the border of an element to Yxy 60.4594, 0.2775, 0.2898 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(187, 205, 239) }
```

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

```
.border{ border-color:rgb(187, 205, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 205, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 205, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 205, 239);  
box-shadow:4px 4px 4px 4px rgb(187, 205,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4594, 0.2775, 0.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 205, 239) }
```

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

```
.background{ background-color: rgb(187,  
205, 239) }
```

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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