

Converting Colors

$Yxy(58.8450, 0.2870, 0.3083)$

Have a look what the booklet for
Yxy(58.8450, 0.2870, 0.3083)
contains.

Yxy(58.7739, 0.2866, 0.3075)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.7739, 0.2866, 0.3075)

Conversions

Conversions Part 1

Format	Color
Hex	B9CCDE
RGB	185, 204, 222
RGB Percent	73%, 80%, 87%
CMY	0.2747, 0.1999, 0.1293
CMYK	0.17, 0.08, 0.00, 0.13
HSL	209°, 36%, 80%
HSV	209°, 17%, 87%
XYZ	54.7792, 58.7739, 77.5815
YIQ	200.3710, -17.1020, 1.5700

Conversions

Conversions Part 2

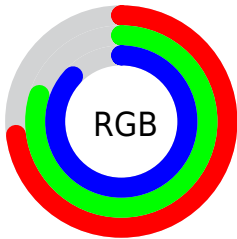
Format	Color
RYB	185, 198, 222
Decimal	12176606
CIELab	81.17, -2.73, -11.10
CIELCh	81, 11.434, 256.207
Yxy	58.7739, 0.2866, 0.3075
Android (android.graphics.Color)	4290366686 (0xFFB9CCDE)
YUV	200.3710, 10.6631, -13.4804
Hunter-Lab	76.6641, -6.6178, -6.3346

Details

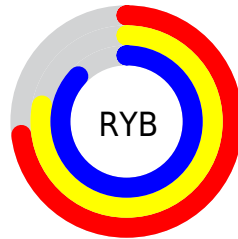
The Yxy color **58.7739, 0.2866, 0.3075** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7299, 0.3411, 0.3496**, and the grayscale version is **57.9378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **29.5082, 0.2804, 0.3020** is the 20% darker color. If you saturate the color by 10%, you get **51.2760, 0.2704, 0.2927**, and if you desaturate by 10%, it is **67.0630, 0.3024, 0.3209**.

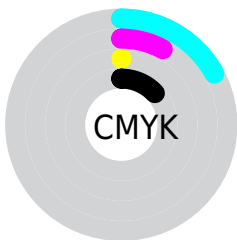
Distribution



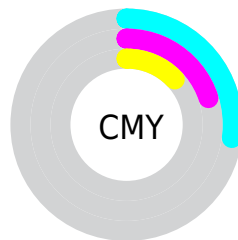
- Red (73%)
- Green (80%)
- Blue (87%)



- Red (73%)
- Yellow (78%)
- Blue (87%)



- Cyan (17%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7739, 0.2866, 0.3075 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 58.7739, 0.2866, 0.3075 by changing the saturation by 10% instead.

■ 58.7739, 0.2866,
0.3075

■ 58.7739, 0.2866,
0.3075

420.0635, 0.2991,
0.3179

■ 42.4311, 0.2837,
0.3050

■ 103.0490, 0.2910,
0.3112

■ 29.4390, 0.2800,
0.3019

131.7501, 0.2927,
0.3126

■ 19.4132, 0.2752,
0.2979

165.3394, 0.2941,
0.3138

■ 11.9692, 0.2689,
0.2925

204.2014, 0.2954,
0.3148

■ 6.7227, 0.2599,
0.2848

248.7204, 0.2965,
0.3157

■ 3.2893, 0.2466,
0.2731

299.2808, 0.2974,

■ 1.2846, 0.2244,

0.3165

0.2534

356.2671, 0.2983,
0.3172

0.1292, 0.0510,
0.1172

0.0000, 0.0000,
0.0000

58.7739, 0.2866,
0.3075

58.7739, 0.2866,
0.3075

51.2760, 0.2704,
0.2927

67.0630, 0.3024,
0.3209

44.5349, 0.2541,
0.2766

76.1616, 0.3177,
0.3328

38.5242, 0.2382,
0.2592

86.0964, 0.3321,
0.3434

33.2127, 0.2230,
0.2409

93.1565, 0.3331,
0.3537

■ 28.5665, 0.2092,
0.2219

■ 98.0553, 0.3321,
0.3611

■ 24.5481, 0.1972,
0.2028

■ 21.1146, 0.1874,
0.1841

■ 18.2129, 0.1801,
0.1663

■ 17.3447, 0.1779,
0.1606

Harmonies

Analogous

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



58.7739, 0.2845, 0.3169



58.7739, 0.2866, 0.3075



58.7739, 0.2956, 0.3040

Triad

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



58.7739, 0.2866, 0.3075



58.7739, 0.3362, 0.3273



58.7739, 0.3156, 0.3525

Complementary

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



58.7739, 0.2866, 0.3075



61.7299, 0.3411, 0.3496

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.



58.7739, 0.3297, 0.3549



58.7739, 0.2866, 0.3075



58.7739, 0.3418, 0.3400

Square

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



58.7739, 0.2866, 0.3075



58.7739, 0.3242, 0.3154



58.7739, 0.3394, 0.3502



58.7739, 0.3010, 0.3432

Rectangle

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



58.7739, 0.2866, 0.3075



58.7739, 0.3044, 0.3053



58.7739, 0.3394, 0.3502



58.7739, 0.3206, 0.3541

Sweetspot

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



58.7763, 0.2866, 0.3075



93.7726, 0.3050, 0.3229



66.8703, 0.2993, 0.3518



19.8888, 0.3039, 0.3220



0.0000, 0.0000, 0.0000



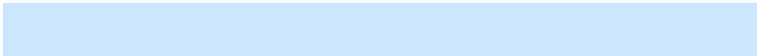
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.7763, 0.2866, 0.3075



76.7744, 0.2810, 0.3026



50.5215, 0.2856, 0.2848



14.4029, 0.2981, 0.3173



10.5235, 0.1787, 0.1631



0.9086, 0.1862, 0.1904

Inverse Universe

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



54.5726, 0.3288, 0.3074



70.1714, 0.3328, 0.3027



70.9629, 0.3378, 0.3697



13.8176, 0.3212, 0.3170



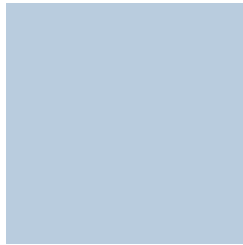
9.9704, 0.4892, 0.2469



0.7092, 0.4562, 0.2287

Previews

White Background



This preview shows how the Yxy color 58.7739, 0.2866, 0.3075 looks on a white background.

Color Contrast Check

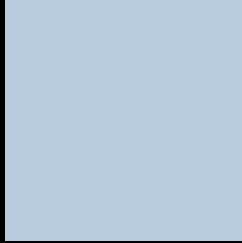
Large Text (above 18pt) WCAG AA × Fail

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 58.7739, 0.2866, 0.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

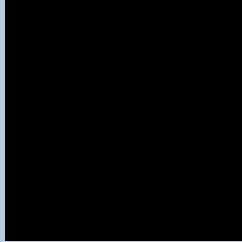
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

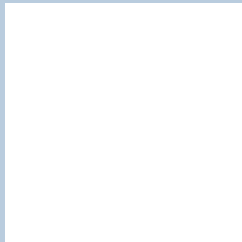
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7739, 0.2866, 0.3075

Background



This preview shows how black text looks on a background with the Yxy color 58.7739, 0.2866, 0.3075.



This preview shows how white text looks on a background with the Yxy color 58.7739, 0.2866, 0.3075.

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

58.7739, 0.2866, 0.3075

Protanopia

58.7024, 0.2993, 0.3069

Deuteranopia

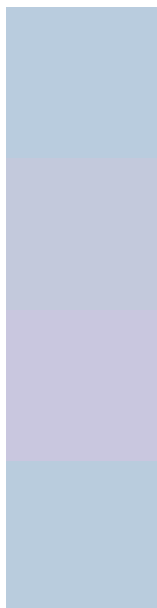
58.5633, 0.3034, 0.2973



Tritanopia

58.7205, 0.2873, 0.3087

Trichromacy



Original Color

58.7739, 0.2866, 0.3075

Protanomaly

58.5427, 0.2950, 0.3067

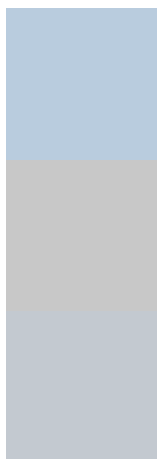
Deuteranomaly

58.5921, 0.2973, 0.3013

Tritanomaly

58.7205, 0.2873, 0.3087

Monochromacy



Original Color

58.7739, 0.2866, 0.3075

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.9295, 0.3032, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7739, 0.2866, 0.3075 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(185, 204, 222)` looks like.

```
.text, #text, p{  
    color:rgb(185, 204, 222)  
}
```

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(185, 204, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 204, 222) }
```

Border

The CSS property to change the border of an element to Yxy 58.7739, 0.2866, 0.3075 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(185, 204, 222) }
```

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

```
.border{ border-color:rgb(185, 204, 222) }
```

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

Here you see how a box with a 4 pixel rgb(185, 204, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 204, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 204, 222);  
box-shadow:4px 4px 4px 4px rgb(185, 204,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7739, 0.2866, 0.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 204, 222) }
```

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

```
.background{ background-color: rgb(185,  
204, 222) }
```

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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