

Converting Colors

$Yxy(59.7051, 0.2773, 0.3040)$

Have a look what the booklet for
Yxy(59.7051, 0.2773, 0.3040)
contains.

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Color

Yxy(59.5742, 0.2777, 0.3039)

Conversions

Conversions Part 1

Format	Color
Hex	B1CFE4
RGB	177, 207, 228
RGB Percent	69%, 81%, 89%
CMY	0.3061, 0.1882, 0.1059
CMYK	0.22, 0.09, 0.00, 0.11
HSL	205°, 49%, 79%
HSV	205°, 22%, 89%
XYZ	54.4382, 59.5742, 82.0199
YIQ	200.4240, -24.6210, 0.1710

Conversions

Conversions Part 2

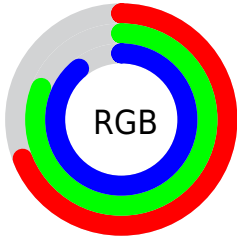
Format	Color
RYB	177, 196, 228
Decimal	11653092
CIELab	81.61, -5.48, -13.69
CIElCh	82, 14.748, 248.172
Yxy	59.5742, 0.2777, 0.3039
Android (android.graphics.Color)	4289843172 (0xFFB1CFE4)
YUV	200.4240, 13.5950, -20.5428
Hunter-Lab	77.1843, -9.1764, -8.9755

Details

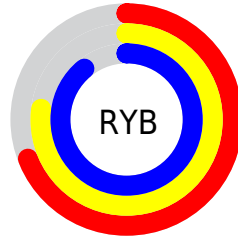
The Yxy color **59.5742, 0.2777, 0.3039** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.0185, 0.3533, 0.3528**, and the grayscale version is **57.9559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **30.0847, 0.2691, 0.2972** is the 20% darker color. If you saturate the color by 10%, you get **52.7139, 0.2619, 0.2908**, and if you desaturate by 10%, it is **67.1559, 0.2935, 0.3158**.

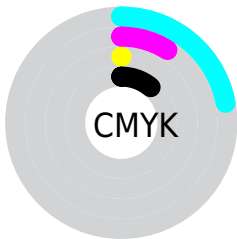
Distribution



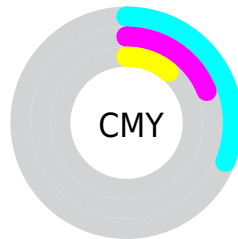
- Red (69%)
- Green (81%)
- Blue (89%)



- Red (69%)
- Yellow (77%)
- Blue (89%)



- Cyan (22%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)



- Cyan (31%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.5742, 0.2777, 0.3039 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 59.5742, 0.2777, 0.3039 by changing the saturation by 10% instead.

■ 59.5742, 0.2777,
0.3039

■ 59.5742, 0.2777,
0.3039

423.0265, 0.2943,
0.3160

■ 43.0755, 0.2738,
0.3010

■ 104.2117, 0.2835,
0.3082

■ 29.9444, 0.2690,
0.2974

133.1194, 0.2858,
0.3099

■ 19.7964, 0.2627,
0.2926

166.9322, 0.2877,
0.3113

■ 12.2471, 0.2545,
0.2863

206.0344, 0.2894,
0.3125

■ 6.9122, 0.2430,
0.2773

250.8106, 0.2908,
0.3135

■ 3.4073, 0.2261,
0.2637

301.6451, 0.2921,

■ 1.3479, 0.1988,

0.3145

0.2410

358.9223, 0.2933,
0.3153

0.1778, 0.0255,
0.1292

0.0000, 0.0000,
0.0000

59.5742, 0.2777,
0.3039

59.5742, 0.2777,
0.3039

52.7139, 0.2619,
0.2908

67.1559, 0.2935,
0.3158

46.5410, 0.2465,
0.2767

75.4769, 0.3091,
0.3266

41.0290, 0.2319,
0.2617

84.5635, 0.3241,
0.3362

36.1464, 0.2185,
0.2460

91.8584, 0.3297,
0.3452

■ 31.8586, 0.2068,
0.2300

■ 97.6557, 0.3287,
0.3541

■ 28.1262, 0.1971,
0.2139

■ 98.3808, 0.3286,
0.3552

■ 24.9026, 0.1896,
0.1982

■ 22.7354, 0.1852,
0.1865

Harmonies

Analogous

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



59.5742, 0.2775, 0.3175



59.5742, 0.2777, 0.3039



59.5742, 0.2869, 0.2974

Triad

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



59.5742, 0.2777, 0.3039



59.5742, 0.3395, 0.3224



59.5742, 0.3214, 0.3611

Complementary

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



59.5742, 0.2777, 0.3039



60.0185, 0.3533, 0.3528

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.



59.5742, 0.3386, 0.3616



59.5742, 0.2777, 0.3039



59.5742, 0.3493, 0.3387

Square

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



59.5742, 0.2777, 0.3039



59.5742, 0.3224, 0.3082



59.5742, 0.3489, 0.3531



59.5742, 0.3024, 0.3513

Rectangle

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



59.5742, 0.2777, 0.3039



59.5742, 0.2972, 0.2977



59.5742, 0.3489, 0.3531



59.5742, 0.3276, 0.3624

Sweetspot

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



59.5766, 0.2777, 0.3039



92.1794, 0.3019, 0.3217



68.8707, 0.2974, 0.3659



19.5907, 0.3009, 0.3211



0.0000, 0.0000, 0.0000



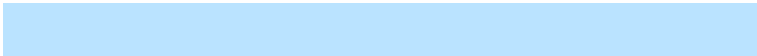
21.4041, 0.3127, 0.3290

Same Dimension

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



59.5766, 0.2777, 0.3039



72.4566, 0.2701, 0.2978



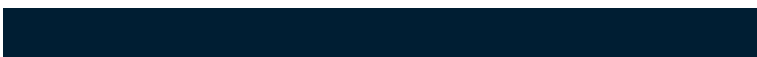
48.4215, 0.2754, 0.2729



15.2913, 0.2981, 0.3191



13.3685, 0.1858, 0.1888



1.1698, 0.1921, 0.2114

Inverse Universe

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



52.4238, 0.3323, 0.2954



61.9710, 0.3376, 0.2879



72.3790, 0.3475, 0.3795



14.5098, 0.3201, 0.3152



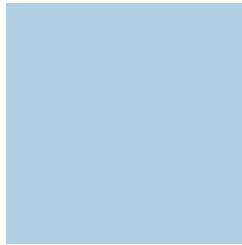
10.5473, 0.4581, 0.2297



0.7978, 0.4326, 0.2157

Previews

White Background



This preview shows how the Yxy color 59.5742, 0.2777, 0.3039 looks on a white background.

Color Contrast Check

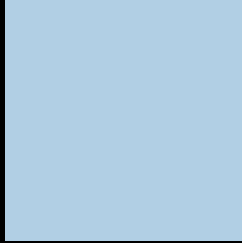
Large Text (above 18pt) WCAG AA × Fail

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 59.5742, 0.2777, 0.3039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

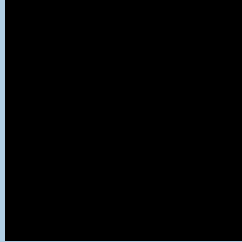
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

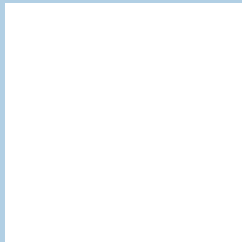
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.5742, 0.2777, 0.3039

Background



This preview shows how black text looks on a background with the Yxy color 59.5742, 0.2777, 0.3039.



This preview shows how white text looks on a background with the Yxy color 59.5742, 0.2777, 0.3039.

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

59.5742, 0.2777, 0.3039

Protanopia

59.4345, 0.2959, 0.3024

Deuteranopia

59.2010, 0.2985, 0.2919



Tritanopia

59.7237, 0.2796, 0.3097

Trichromacy



Original Color

59.5742, 0.2777, 0.3039

Protanomaly

59.3546, 0.2896, 0.3032

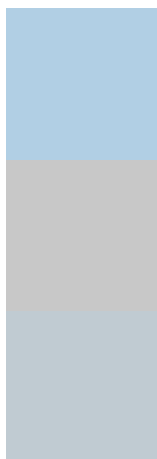
Deuteranomaly

59.3007, 0.2905, 0.2967

Tritanomaly

59.7781, 0.2790, 0.3085

Monochromacy



Original Color

59.5742, 0.2777, 0.3039

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.5715, 0.2996, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5742, 0.2777, 0.3039 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(177, 207, 228)` looks like.

```
.text, #text, p{  
    color:rgb(177, 207, 228)  
}
```

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(177, 207, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 207, 228) }
```

Border

The CSS property to change the border of an element to Yxy 59.5742, 0.2777, 0.3039 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(177, 207, 228) }
```

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

```
.border{ border-color:rgb(177, 207, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 207, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 207, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 207, 228);  
box-shadow:4px 4px 4px 4px rgb(177, 207,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5742, 0.2777, 0.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 207, 228) }
```

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

```
.background{ background-color: rgb(177,  
207, 228) }
```

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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