

Converting Colors

$Yxy(59.1509, 0.2777, 0.2997)$

Have a look what the booklet for
Yxy(59.1509, 0.2777, 0.2997)
contains.

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Color

Yxy(58.9595, 0.2777, 0.2993)

Conversions

Conversions Part 1

Format	Color
Hex	B3CDE6
RGB	179, 205, 230
RGB Percent	70%, 80%, 90%
CMY	0.2979, 0.1961, 0.0982
CMYK	0.22, 0.11, 0.00, 0.10
HSL	209°, 50%, 80%
HSV	209°, 22%, 90%
XYZ	54.7045, 58.9595, 83.3273
YIQ	200.0760, -23.5210, 2.2630

Conversions

Conversions Part 2

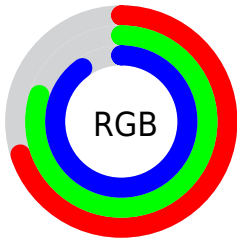
Format	Color
R _Y B	179, 196, 230
Decimal	11783654
CIE Lab	81.27, -3.36, -15.23
CIE LCh	81, 15.598, 257.577
Yxy	58.9595, 0.2777, 0.2993
Android (android.graphics.Color)	4289973734 (0xFFB3CDE6)
YUV	200.0760, 14.7525, -18.4837
Hunter-Lab	76.7851, -7.2040, -10.5921

Details

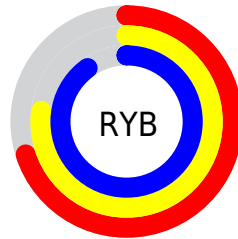
The Yxy color **58.9595, 0.2777, 0.2993** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.2505, 0.3519, 0.3570**, and the grayscale version is **57.7295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **29.5492, 0.2689, 0.2925** is the 20% darker color. If you saturate the color by 10%, you get **51.2475, 0.2613, 0.2836**, and if you desaturate by 10%, it is **67.5215, 0.2938, 0.3136**.

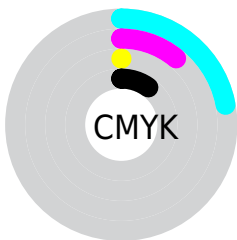
Distribution



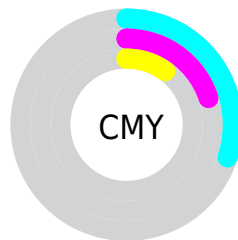
- Red (70%)
- Green (80%)
- Blue (90%)



- Red (70%)
- Yellow (77%)
- Blue (90%)



- Cyan (22%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)



- Cyan (30%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.9595, 0.2777, 0.2993 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 58.9595, 0.2777, 0.2993 by changing the saturation by 10% instead.

■ 58.9595, 0.2777,
0.2993

■ 58.9595, 0.2777,
0.2993

420.7518, 0.2943,
0.3136

■ 42.5805, 0.2738,
0.2959

■ 103.3188, 0.2836,
0.3044

■ 29.5561, 0.2689,
0.2917

132.0679, 0.2858,
0.3063

■ 19.5019, 0.2627,
0.2862

165.7092, 0.2877,
0.3079

■ 12.0335, 0.2543,
0.2788

204.6270, 0.2894,
0.3094

■ 6.7665, 0.2428,
0.2685

249.2058, 0.2909,
0.3106

■ 3.3165, 0.2257,
0.2529

299.8299, 0.2922,

■ 1.2991, 0.1981,

0.3117

0.2274

356.8838, 0.2933,
0.3127

0.1405, 0.0360,
0.0981

0.0000, 0.0000,
0.0000

58.9595, 0.2777,
0.2993

58.9595, 0.2777,
0.2993

51.2475, 0.2613,
0.2836

67.5215, 0.2938,
0.3136

44.3476, 0.2451,
0.2666

76.9552, 0.3094,
0.3264

38.2291, 0.2295,
0.2484

87.2905, 0.3244,
0.3379

32.8565, 0.2149,
0.2295

95.3888, 0.3279,
0.3486

■ 28.1903, 0.2020,
0.2102

■ 98.4908, 0.3274,
0.3533

■ 24.1866, 0.1911,
0.1910

■ 20.7936, 0.1826,
0.1726

■ 18.4974, 0.1775,
0.1588

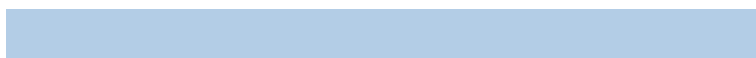
Harmonies

Analogous

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



58.9595, 0.2744, 0.3116



58.9595, 0.2777, 0.2993



58.9595, 0.2901, 0.2952

Triad

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



58.9595, 0.2777, 0.2993



58.9595, 0.3454, 0.3273



58.9595, 0.3155, 0.3609

Complementary

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



58.9595, 0.2777, 0.2993



63.2505, 0.3519, 0.3570

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.



58.9595, 0.3350, 0.3646



58.9595, 0.2777, 0.2993



58.9595, 0.3526, 0.3444

Square

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



58.9595, 0.2777, 0.2993



58.9595, 0.3292, 0.3112



58.9595, 0.3487, 0.3582



58.9595, 0.2958, 0.3478

Rectangle

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



58.9595, 0.2777, 0.2993



58.9595, 0.3022, 0.2972



58.9595, 0.3487, 0.3582



58.9595, 0.3223, 0.3633

Sweetspot

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



58.9619, 0.2777, 0.2993



91.3161, 0.3019, 0.3203



70.4997, 0.2950, 0.3602



19.3907, 0.3009, 0.3195



0.0000, 0.0000, 0.0000



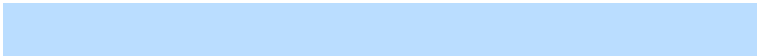
21.4041, 0.3127, 0.3290

Same Dimension

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



58.9619, 0.2777, 0.2993



69.5295, 0.2695, 0.2916



47.8920, 0.2754, 0.2682



15.0963, 0.2981, 0.3172



10.7222, 0.1782, 0.1615



0.9782, 0.1854, 0.1876

Inverse Universe

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



53.4763, 0.3354, 0.3001



61.6755, 0.3420, 0.2933



76.1703, 0.3463, 0.3833



14.4901, 0.3213, 0.3171



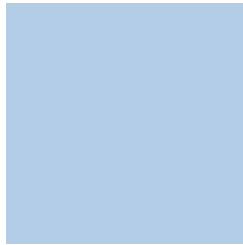
10.2801, 0.4912, 0.2479



0.7784, 0.4596, 0.2305

Previews

White Background



This preview shows how the Yxy color 58.9595, 0.2777, 0.2993 looks on a white background.

Color Contrast Check

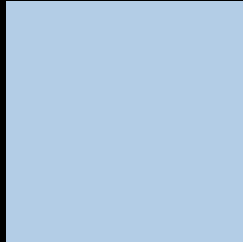
Large Text (above 18pt) WCAG AA × Fail

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 58.9595, 0.2777, 0.2993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

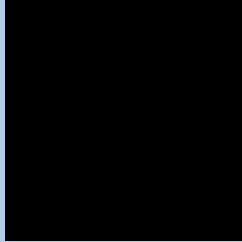
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

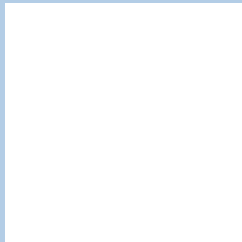
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.9595, 0.2777, 0.2993

Background



This preview shows how black text looks on a background with the Yxy color 58.9595, 0.2777, 0.2993.



This preview shows how white text looks on a background with the Yxy color 58.9595, 0.2777, 0.2993.

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

58.9595, 0.2777, 0.2993

Protanopia

58.8604, 0.2925, 0.2978

Deuteranopia

58.5714, 0.2956, 0.2884



Tritanopia

58.9353, 0.2814, 0.3085

Trichromacy



Original Color

58.9595, 0.2777, 0.2993

Protanomaly

58.9189, 0.2869, 0.2986

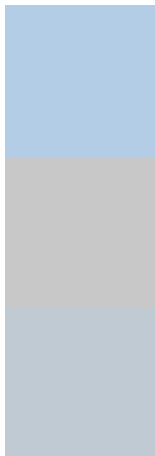
Deuteranomaly

58.4867, 0.2891, 0.2921

Tritanomaly

59.0986, 0.2795, 0.3050

Monochromacy



Original Color

58.9595, 0.2777, 0.2993

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.1507, 0.2989, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9595, 0.2777, 0.2993 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(179, 205, 230)` looks like.

```
.text, #text, p{  
    color:rgb(179, 205, 230)  
}
```

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(179, 205, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 205, 230) }
```

Border

The CSS property to change the border of an element to Yxy 58.9595, 0.2777, 0.2993 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(179, 205, 230) }
```

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

```
.border{ border-color:rgb(179, 205, 230) }
```

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

Here you see how a box with a 4 pixel rgb(179, 205, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 205, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 205, 230);  
box-shadow:4px 4px 4px 4px rgb(179, 205,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9595, 0.2777, 0.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 205, 230) }
```

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

```
.background{ background-color: rgb(179,  
205, 230) }
```

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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