

Converting Colors

$Yxy(59.5022, 0.2471, 0.2902)$

Have a look what the booklet for
Yxy(59.5022, 0.2471, 0.2902)
contains.

Yxy(59.5843, 0.2469, 0.2899)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.5843, 0.2469, 0.2899)

Conversions

Conversions Part 1

Format	Color
Hex	8AD5F5
RGB	138, 213, 245
RGB Percent	54%, 84%, 96%
CMY	0.4591, 0.1646, 0.0393
CMYK	0.44, 0.13, 0.00, 0.04
HSL	198°, 84%, 75%
HSV	198°, 44%, 96%
XYZ	50.7463, 59.5843, 95.2033
YIQ	194.2230, -54.9720, -5.9480

Conversions

Conversions Part 2

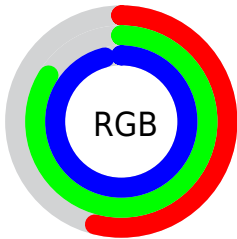
Format	Color
R_{YB}	138, 182, 245
Decimal	9098741
CIE _{Lab}	81.61, -15.11, -22.95
CIE _{LCh}	82, 27.481, 236.633
Yxy	59.5843, 0.2469, 0.2899
Android (android.graphics.Color)	4287288821 (0xFF8AD5F5)
YUV	194.2230, 25.0331, -49.3076
Hunter-Lab	77.1909, -17.7357, -19.0917

Details

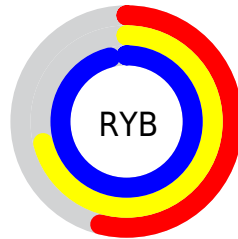
The Yxy color **59.5843, 0.2469, 0.2899** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **49.9566, 0.4124, 0.3640**, and the grayscale version is **53.9531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4758, 0.2784, 0.3289**, and **29.8772, 0.2312, 0.2785** is the 20% darker color. If you saturate the color by 10%, you get **54.1302, 0.2338, 0.2791**, and if you desaturate by 10%, it is **65.6802, 0.2611, 0.3001**.

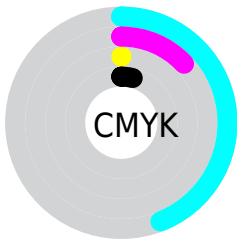
Distribution



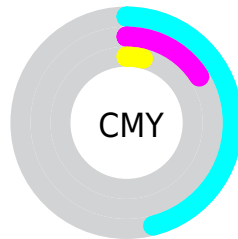
- Red (54%)
- Green (84%)
- Blue (96%)



- Red (54%)
- Yellow (71%)
- Blue (96%)



- Cyan (44%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)




- Cyan (46%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.5843, 0.2469, 0.2899 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 59.5843, 0.2469, 0.2899 by changing the saturation by 10% instead.


 59.5843, 0.2469,
0.2899


 59.5843, 0.2469,
0.2899


423.0638, 0.2776,
0.3091

 43.0837, 0.2399,
0.2853


 104.2264, 0.2576,
0.2967

 29.9508, 0.2312,
0.2795


 133.1367, 0.2617,
0.2993

 19.8012, 0.2203,
0.2720

166.9522, 0.2653,
0.3016

 12.2506, 0.2062,
0.2619

206.0575, 0.2684,
0.3035

 6.9146, 0.1872,
0.2477

250.8369, 0.2711,
0.3051

 3.4088, 0.1607,
0.2267

301.6749, 0.2735,

 1.3487, 0.1222,

0.3066

0.1932

358.9557, 0.2757,
0.3079

0.1784, 0.0000,
0.0796

0.0000, 0.0000,
0.0000

59.5843, 0.2469,
0.2899

59.5843, 0.2469,
0.2899

54.1302, 0.2338,
0.2791

65.6802, 0.2611,
0.3001

49.2767, 0.2223,
0.2680

72.4423, 0.2761,
0.3096

44.9879, 0.2125,
0.2566

79.9016, 0.2915,
0.3183

41.2198, 0.2048,
0.2451

88.0851, 0.3070,
0.3263

■ 37.9189, 0.1991,
0.2338

■ 95.9745, 0.3189,
0.3335

■ 36.0308, 0.1963,
0.2267

■ 99.3720, 0.3185,
0.3386

Harmonies

Analogous

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



59.5843, 0.2528, 0.3185



59.5843, 0.2469, 0.2899



59.5843, 0.2573, 0.2738

Triad

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



59.5843, 0.2469, 0.2899



59.5843, 0.3514, 0.3059



59.5843, 0.3413, 0.3925

Complementary

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



59.5843, 0.2469, 0.2899



49.9566, 0.4124, 0.3640

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.



59.5843, 0.3698, 0.3846



59.5843, 0.2469, 0.2899



59.5843, 0.3764, 0.3340

Square

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



59.5843, 0.2469, 0.2899



59.5843, 0.3163, 0.2838



59.5843, 0.3831, 0.3626



59.5843, 0.3061, 0.3811

Rectangle

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



59.5843, 0.2469, 0.2899



59.5843, 0.2724, 0.2711



59.5843, 0.3831, 0.3626



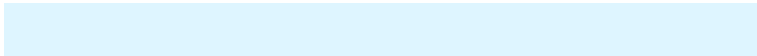
59.5843, 0.3520, 0.3919

Sweetspot

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



59.5866, 0.2469, 0.2899



88.0913, 0.2925, 0.3189



73.5330, 0.2911, 0.4264



18.4514, 0.2891, 0.3170



0.0000, 0.0000, 0.0000



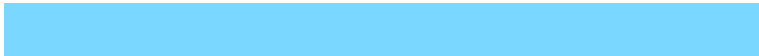
21.4041, 0.3127, 0.3290

Same Dimension

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



59.5866, 0.2469, 0.2899



60.1918, 0.2358, 0.2809



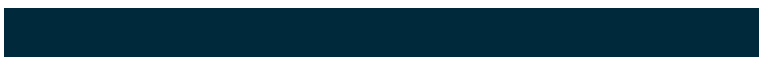
37.5232, 0.2353, 0.2223



17.8733, 0.2980, 0.3218



19.6657, 0.1968, 0.2286



1.9074, 0.2007, 0.2426

Inverse Universe

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



42.3726, 0.3473, 0.2505



40.2044, 0.3565, 0.2366



73.3766, 0.3875, 0.4163



16.6790, 0.3184, 0.3125



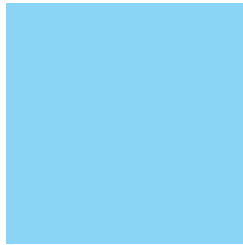
12.0846, 0.4141, 0.2055



1.0802, 0.3996, 0.1975

Previews

White Background



This preview shows how the Yxy color 59.5843, 0.2469, 0.2899 looks on a white background.

Color Contrast Check

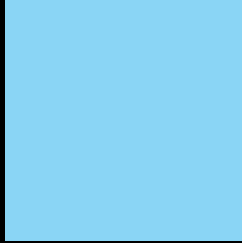
Large Text (above 18pt) WCAG AA × Fail

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 59.5843, 0.2469, 0.2899 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 59.5843, 0.2469, 0.2899

Background



This preview shows how black text looks on a background with the Yxy color 59.5843, 0.2469, 0.2899.



This preview shows how white text looks on a background with the Yxy color 59.5843, 0.2469, 0.2899.

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

59.5843, 0.2469, 0.2899

Protanopia

58.9668, 0.2845, 0.2877

Deuteranopia

59.1712, 0.2789, 0.2731



Tritanopia

59.4954, 0.2517, 0.3075

Trichromacy



Original Color

59.5843, 0.2469, 0.2899

Protanomaly

58.8933, 0.2691, 0.2888

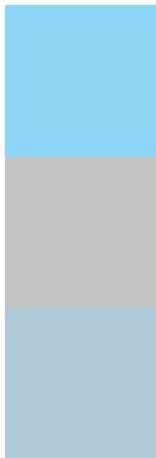
Deuteranomaly

58.6574, 0.2655, 0.2779

Tritanomaly

59.3585, 0.2495, 0.3003

Monochromacy



Original Color

59.5843, 0.2469, 0.2899

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.5761, 0.2846, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5843, 0.2469, 0.2899 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(138, 213, 245)` looks like.

```
.text, #text, p{  
    color:rgb(138, 213, 245)  
}
```

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(138, 213, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 213, 245) }
```

Border

The CSS property to change the border of an element to Yxy 59.5843, 0.2469, 0.2899 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(138, 213, 245) }
```

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

```
.border{ border-color:rgb(138, 213, 245) }
```

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

Here you see how a box with a 4 pixel rgb(138, 213, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 213, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 213, 245);  
box-shadow:4px 4px 4px 4px rgb(138, 213,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5843, 0.2469, 0.2899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 213, 245) }
```

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

```
.background{ background-color: rgb(138,  
213, 245) }
```

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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