

Converting Colors

$Yxy(58.8241, 0.2452, 0.2871)$

Have a look what the booklet for
Yxy(58.8241, 0.2452, 0.2871)
contains.

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Color

Yxy(58.9750, 0.2452, 0.2874)

Conversions

Conversions Part 1

Format	Color
Hex	88D4F6
RGB	136, 212, 246
RGB Percent	53%, 83%, 96%
CMY	0.4671, 0.1685, 0.0353
CMYK	0.45, 0.14, 0.00, 0.04
HSL	199°, 86%, 75%
HSV	199°, 45%, 96%
XYZ	50.3155, 58.9750, 95.9113
YIQ	193.1520, -56.2100, -5.5380

Conversions

Conversions Part 2

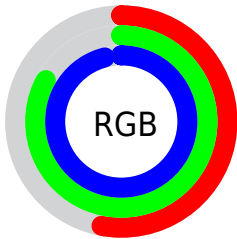
Format	Color
R _Y B	136, 181, 246
Decimal	8967414
CIE Lab	81.28, -14.83, -24.00
CIE LCh	81, 28.210, 238.292
Yxy	58.9750, 0.2452, 0.2874
Android (android.graphics.Color)	4287157494 (0xFF88D4F6)
YUV	193.1520, 26.0541, -50.1223
Hunter-Lab	76.7952, -17.4400, -20.2921

Details

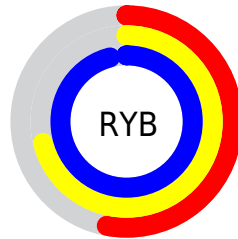
The Yxy color **58.9750, 0.2452, 0.2874** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **50.0585, 0.4152, 0.3660**, and the grayscale version is **53.2776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2093, 0.2773, 0.3289**, and **29.4513, 0.2288, 0.2751** is the 20% darker color. If you saturate the color by 10%, you get **53.4449, 0.2322, 0.2762**, and if you desaturate by 10%, it is **65.1603, 0.2594, 0.2980**.

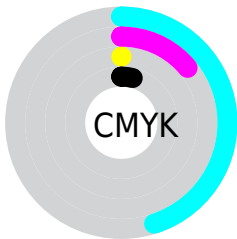
Distribution



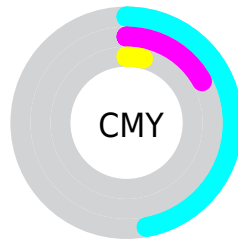
- Red (53%)
- Green (83%)
- Blue (96%)



- Red (53%)
- Yellow (71%)
- Blue (96%)



- Cyan (45%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)



- Cyan (47%)
- Magenta (17%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.9750, 0.2452, 0.2874 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 58.9750, 0.2452, 0.2874 by changing the saturation by 10% instead.

■ 58.9750, 0.2452,
0.2874

■ 58.9750, 0.2452,
0.2874

■ 420.8093, 0.2767,
0.3078

■ 42.5930, 0.2380,
0.2825

■ 103.3413, 0.2561,
0.2947

■ 29.5659, 0.2291,
0.2763

■ 132.0944, 0.2604,
0.2974

■ 19.5093, 0.2179,
0.2684

■ 165.7400, 0.2641,
0.2998

■ 12.0389, 0.2034,
0.2577

■ 204.6625, 0.2672,
0.3018

■ 6.7702, 0.1840,
0.2428

■ 249.2463, 0.2700,
0.3036

■ 3.3188, 0.1569,
0.2207

■ 299.8758, 0.2725,

■ 1.3003, 0.1178,

0.3052

0.1857

356.9353, 0.2747,
0.3065

0.1415, 0.0000,
0.0626

0.0000, 0.0000,
0.0000

58.9750, 0.2452,
0.2874

58.9750, 0.2452,
0.2874

53.4449, 0.2322,
0.2762

65.1603, 0.2594,
0.2980

48.5281, 0.2206,
0.2646

72.0262, 0.2744,
0.3079

44.1874, 0.2109,
0.2527

79.6045, 0.2898,
0.3170

40.3773, 0.2033,
0.2409

87.9227, 0.3054,
0.3253

■ 37.0424, 0.1977,
0.2292

■ 96.2635, 0.3183,
0.3328

■ 35.4430, 0.1953,
0.2231

■ 99.4332, 0.3179,
0.3376

Harmonies

Analogous

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



58.9750, 0.2503, 0.3163



58.9750, 0.2452, 0.2874



58.9750, 0.2567, 0.2717

Triad

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



58.9750, 0.2452, 0.2874



58.9750, 0.3543, 0.3067



58.9750, 0.3401, 0.3944

Complementary

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



58.9750, 0.2452, 0.2874



50.0585, 0.4152, 0.3660

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.



58.9750, 0.3702, 0.3871



58.9750, 0.2452, 0.2874



58.9750, 0.3793, 0.3358

Square

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



58.9750, 0.2452, 0.2874



58.9750, 0.3185, 0.2835



58.9750, 0.3850, 0.3650



58.9750, 0.3038, 0.3815

Rectangle

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



58.9750, 0.2452, 0.2874



58.9750, 0.2728, 0.2695



58.9750, 0.3850, 0.3650



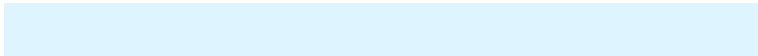
58.9750, 0.3513, 0.3941

Sweetspot

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



58.9772, 0.2452, 0.2874



87.8940, 0.2925, 0.3185



73.9916, 0.2898, 0.4268



18.4025, 0.2891, 0.3166



0.0000, 0.0000, 0.0000



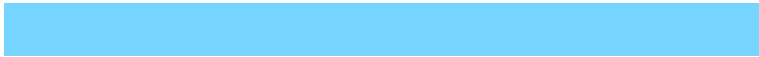
21.4041, 0.3127, 0.3290

Same Dimension

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



58.9772, 0.2452, 0.2874



58.3714, 0.2330, 0.2770



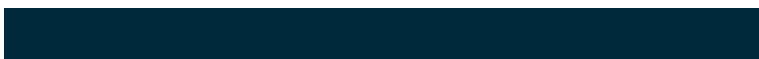
36.2993, 0.2328, 0.2168



17.8447, 0.2980, 0.3215



19.1802, 0.1959, 0.2250



1.8676, 0.1999, 0.2396

Inverse Universe

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



41.9216, 0.3495, 0.2497



38.8325, 0.3602, 0.2348



74.6601, 0.3886, 0.4200



16.6762, 0.3185, 0.3128



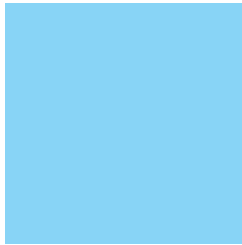
12.0356, 0.4179, 0.2076



1.0762, 0.4027, 0.1992

Previews

White Background



This preview shows how the Yxy color 58.9750, 0.2452, 0.2874 looks on a white background.

Color Contrast Check

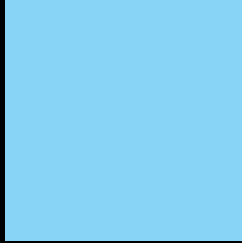
Large Text (above 18pt) WCAG AA × Fail

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 58.9750, 0.2452, 0.2874 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 58.9750, 0.2452, 0.2874

Background



This preview shows how black text looks on a background with the Yxy color 58.9750, 0.2452, 0.2874.



This preview shows how white text looks on a background with the Yxy color 58.9750, 0.2452, 0.2874.

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

58.9750, 0.2452, 0.2874

Protanopia

58.2987, 0.2824, 0.2853

Deuteranopia

58.5078, 0.2769, 0.2707



Tritanopia

58.8249, 0.2505, 0.3062

Trichromacy



Original Color

58.9750, 0.2452, 0.2874

Protanomaly

58.2477, 0.2671, 0.2864

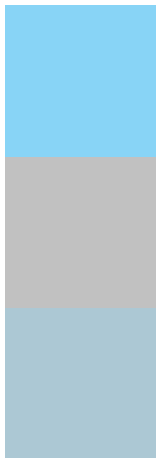
Deuteranomaly

58.0170, 0.2636, 0.2755

Tritanomaly

58.6895, 0.2483, 0.2989

Monochromacy



Original Color

58.9750, 0.2452, 0.2874

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.8327, 0.2837, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9750, 0.2452, 0.2874 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(136, 212, 246)` looks like.

```
.text, #text, p{  
    color:rgb(136, 212, 246)  
}
```

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(136, 212, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 212, 246) }
```

Border

The CSS property to change the border of an element to Yxy 58.9750, 0.2452, 0.2874 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(136, 212, 246) }
```

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

```
.border{ border-color:rgb(136, 212, 246) }
```

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

Here you see how a box with a 4 pixel rgb(136, 212, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 212, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 212, 246);  
box-shadow:4px 4px 4px 4px rgb(136, 212,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9750, 0.2452, 0.2874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 212, 246) }
```

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

```
.background{ background-color: rgb(136,  
212, 246) }
```

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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