

Converting Colors

$Yxy(60.9325, 0.2464, 0.2951)$

Have a look what the booklet for
Yxy(60.9325, 0.2464, 0.2951)
contains.

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Color

Yxy(60.7117, 0.2461, 0.2946)

Conversions

Conversions Part 1

Format	Color
Hex	86D8F4
RGB	134, 216, 244
RGB Percent	53%, 85%, 96%
CMY	0.4746, 0.1529, 0.0430
CMYK	0.45, 0.11, 0.00, 0.04
HSL	195°, 83%, 74%
HSV	195°, 45%, 96%
XYZ	50.7167, 60.7117, 94.6534
YIQ	194.6740, -57.8600, -8.6760

Conversions

Conversions Part 2

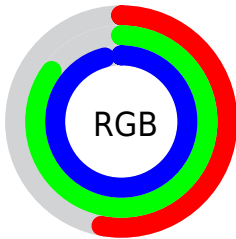
Format	Color
RYB	134, 181, 244
Decimal	8837364
CIELab	82.22, -17.83, -21.53
CIELCh	82, 27.952, 230.366
Yxy	60.7117, 0.2461, 0.2946
Android (android.graphics.Color)	4287027444 (0xFF86D8F4)
YUV	194.6740, 24.3177, -53.2111
Hunter-Lab	77.9177, -20.1701, -17.4823

Details

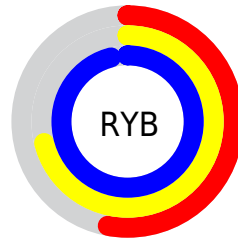
The Yxy color **60.7117, 0.2461, 0.2946** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **46.8003, 0.4194, 0.3599**, and the grayscale version is **54.2471, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9465, 0.2762, 0.3289**, and **30.6571, 0.2304, 0.2848** is the 20% darker color. If you saturate the color by 10%, you get **55.8111, 0.2338, 0.2855**, and if you desaturate by 10%, it is **66.1999, 0.2597, 0.3033**.

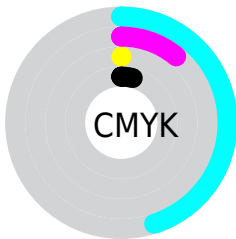
Distribution



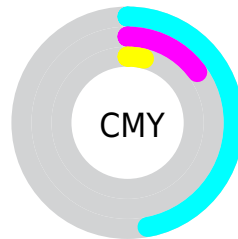
- Red (53%)
- Green (85%)
- Blue (96%)



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



- Cyan (45%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)





- Cyan (47%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7117, 0.2461, 0.2946 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 60.7117, 0.2461, 0.2946 by changing the saturation by 10% instead.

 60.7117, 0.2461,
0.2946


 60.7117, 0.2461,
0.2946


427.2161, 0.2771,
0.3116


 43.9925, 0.2390,
0.2905


 105.8614, 0.2568,
0.3007

 30.6646, 0.2304,
0.2853


 135.0607, 0.2610,
0.3030

 20.3436, 0.2194,
0.2785


 169.1889, 0.2646,
0.3050

 12.6451, 0.2053,
0.2694

208.6303, 0.2677,
0.3067

 7.1846, 0.1863,
0.2565

253.7693, 0.2705,
0.3081

 3.5778, 0.1599,
0.2372

304.9904, 0.2729,

 1.4403, 0.1216,

0.3094

0.2058

362.6778, 0.2751,
0.3106

0.2462, 0.0000,
0.1086

0.0000, 0.0000,
0.0000

60.7117, 0.2461,
0.2946

60.7117, 0.2461,
0.2946

55.8111, 0.2338,
0.2855

66.1999, 0.2597,
0.3033

51.4575, 0.2231,
0.2761

72.2993, 0.2742,
0.3114

47.6156, 0.2143,
0.2665

79.0401, 0.2894,
0.3189

44.2416, 0.2075,
0.2569

86.4486, 0.3048,
0.3258

■ 41.2819, 0.2026,
0.2474

■ 94.3600, 0.3196,
0.3320

■ 39.9430, 0.2008,
0.2427

■ 98.2257, 0.3192,
0.3379

■ 99.3133, 0.3191,
0.3395

Harmonies

Analogous

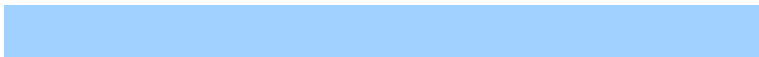
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.7117, 0.2554, 0.3255



60.7117, 0.2461, 0.2946



60.7117, 0.2532, 0.2754

Triad

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



60.7117, 0.2461, 0.2946



60.7117, 0.3449, 0.3003



60.7117, 0.3484, 0.3931

Complementary

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



60.7117, 0.2461, 0.2946



46.8003, 0.4194, 0.3599

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.



60.7117, 0.3747, 0.3815



60.7117, 0.2461, 0.2946



60.7117, 0.3732, 0.3279

Square

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



60.7117, 0.2461, 0.2946



60.7117, 0.3087, 0.2799



60.7117, 0.3842, 0.3572



60.7117, 0.3135, 0.3857

Rectangle

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



60.7117, 0.2461, 0.2946



60.7117, 0.2665, 0.2707



60.7117, 0.3842, 0.3572



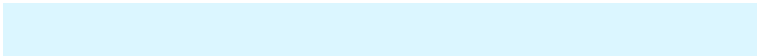
60.7117, 0.3586, 0.3911

Sweetspot

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



60.7140, 0.2461, 0.2946



88.1830, 0.2910, 0.3197



72.3747, 0.2925, 0.4350



18.5132, 0.2877, 0.3181



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.



60.7140, 0.2461, 0.2946



62.1755, 0.2349, 0.2864



37.2622, 0.2335, 0.2231



18.0015, 0.2980, 0.3228



21.9441, 0.2012, 0.2443



2.0924, 0.2045, 0.2561

Inverse Universe

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



41.2409, 0.3439, 0.2435



39.2165, 0.3524, 0.2283



70.3346, 0.3917, 0.4155



16.6920, 0.3177, 0.3115



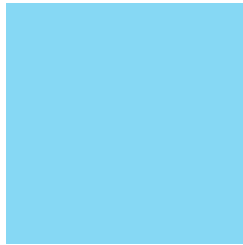
12.3146, 0.3980, 0.1966



1.0989, 0.3862, 0.1901

Previews

White Background



This preview shows how the Yxy color 60.7117, 0.2461, 0.2946 looks on a white background.

Color Contrast Check

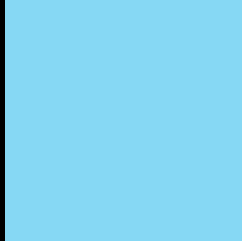
Large Text (above 18pt) WCAG AA × Fail

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 60.7117, 0.2461, 0.2946 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 60.7117, 0.2461, 0.2946

Background



This preview shows how black text looks on a background with the Yxy color 60.7117, 0.2461, 0.2946.



This preview shows how white text looks on a background with the Yxy color 60.7117, 0.2461, 0.2946.

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

60.7117, 0.2461, 0.2946

Protanopia

60.2450, 0.2873, 0.2914

Deuteranopia

60.0417, 0.2811, 0.2746



Tritanopia

60.4492, 0.2492, 0.3064

Trichromacy



Original Color

60.7117, 0.2461, 0.2946

Protanomaly

59.9127, 0.2705, 0.2924

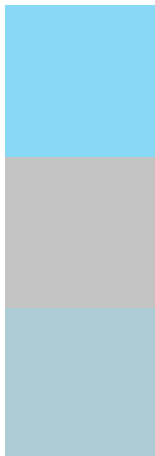
Deuteranomaly

59.7252, 0.2664, 0.2804

Tritanomaly

60.7043, 0.2482, 0.3028

Monochromacy



Original Color

60.7117, 0.2461, 0.2946

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

56.4002, 0.2840, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7117, 0.2461, 0.2946 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(134, 216, 244)` looks like.

```
.text, #text, p{  
    color:rgb(134, 216, 244)  
}
```

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(134, 216, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 216, 244) }
```

Border

The CSS property to change the border of an element to Yxy 60.7117, 0.2461, 0.2946 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(134, 216, 244) }
```

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

```
.border{ border-color:rgb(134, 216, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 216, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 216, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 216, 244);  
box-shadow:4px 4px 4px 4px rgb(134, 216,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7117, 0.2461, 0.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 216, 244) }
```

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

```
.background{ background-color: rgb(134,  
216, 244) }
```

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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