

Converting Colors

$Yxy(60.8159, 0.2408, 0.2966)$

Have a look what the booklet for
Yxy(60.8159, 0.2408, 0.2966)
contains.

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Color

Yxy(60.7394, 0.2407, 0.2967)

Conversions

Conversions Part 1

Format	Color
Hex	79DAF4
RGB	121, 218, 244
RGB Percent	47%, 85%, 96%
CMY	0.5258, 0.1450, 0.0432
CMYK	0.50, 0.11, 0.00, 0.04
HSL	193°, 85%, 72%
HSV	193°, 50%, 96%
XYZ	49.2753, 60.7394, 94.7019
YIQ	191.9610, -66.1580, -12.4780

Conversions

Conversions Part 2

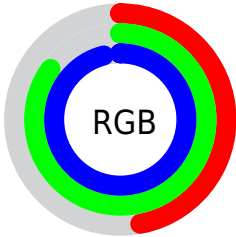
Format	Color
R _Y B	121, 175, 244
Decimal	7985908
CIE Lab	82.24, -21.77, -21.53
CIE LCh	82, 30.624, 224.682
Yxy	60.7394, 0.2407, 0.2967
Android (android.graphics.Color)	4286175988 (0xFF79DAF4)
YUV	191.9610, 25.6552, -62.2328
Hunter-Lab	77.9355, -23.5292, -17.4903

Details

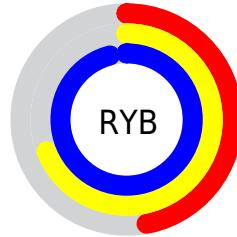
The Yxy color **60.7394, 0.2407, 0.2967** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **41.4432, 0.4412, 0.3573**, and the grayscale version is **52.5554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4433, 0.2701, 0.3289**, and **30.7248, 0.2238, 0.2874** is the 20% darker color. If you saturate the color by 10%, you get **56.5683, 0.2298, 0.2891**, and if you desaturate by 10%, it is **65.4436, 0.2531, 0.3040**.

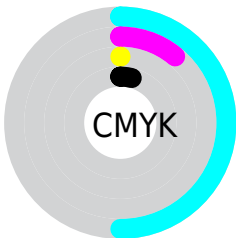
Distribution



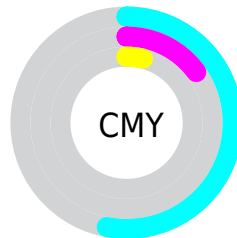
- Red (47%)
- Green (85%)
- Blue (96%)



- Red (47%)
- Yellow (69%)
- Blue (96%)



- Cyan (50%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (53%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7394, 0.2407, 0.2967 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 60.7394, 0.2407, 0.2967 by changing the saturation by 10% instead.


 60.7394, 0.2407,
0.2967


 60.7394, 0.2407,
0.2967


427.3178, 0.2741,
0.3129

 44.0149, 0.2331,
0.2927


 105.9015, 0.2522,
0.3025

 30.6822, 0.2238,
0.2877


 135.1079, 0.2567,
0.3047

 20.3570, 0.2121,
0.2811


 169.2437, 0.2606,
0.3066

 12.6548, 0.1970,
0.2722

208.6933, 0.2640,
0.3082

 7.1913, 0.1769,
0.2594

253.8412, 0.2670,
0.3096

 3.5820, 0.1492,
0.2402

305.0716, 0.2696,

 1.4426, 0.1094,

0.3108

0.2087

362.7690, 0.2720,
0.3119

0.2478, 0.0000,
0.1091

0.0000, 0.0000,
0.0000

60.7394, 0.2407,
0.2967

60.7394, 0.2407,
0.2967

56.5683, 0.2298,
0.2891

65.4436, 0.2531,
0.3040

52.8884, 0.2207,
0.2813

70.7055, 0.2668,
0.3109

49.6620, 0.2136,
0.2735

76.5560, 0.2814,
0.3174

46.8413, 0.2085,
0.2657

83.0218, 0.2966,
0.3233

■ 44.4495, 0.2051,
0.2584

■ 90.1276, 0.3120,
0.3288

■ 95.4855, 0.3195,
0.3338

■ 98.7106, 0.3192,
0.3387

■ 99.3108, 0.3191,
0.3396

Harmonies

Analogous

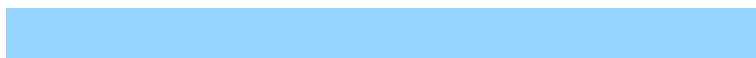
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.7394, 0.2540, 0.3322



60.7394, 0.2407, 0.2967



60.7394, 0.2451, 0.2732

Triad

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



60.7394, 0.2407, 0.2967



60.7394, 0.3406, 0.2927



60.7394, 0.3581, 0.3983

Complementary

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



60.7394, 0.2407, 0.2967



41.4432, 0.4412, 0.3573

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.



60.7394, 0.3841, 0.3819



60.7394, 0.2407, 0.2967



60.7394, 0.3743, 0.3215

Square

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



60.7394, 0.2407, 0.2967



60.7394, 0.3007, 0.2726



60.7394, 0.3905, 0.3535



60.7394, 0.3208, 0.3947

Rectangle

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



60.7394, 0.2407, 0.2967



60.7394, 0.2575, 0.2661



60.7394, 0.3905, 0.3535



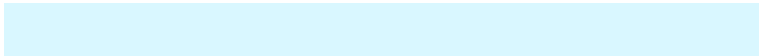
60.7394, 0.3685, 0.3947

Sweetspot

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



60.7417, 0.2407, 0.2967



88.4112, 0.2895, 0.3207



70.8129, 0.2937, 0.4584



18.6024, 0.2863, 0.3194



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.



60.7417, 0.2407, 0.2967



62.2339, 0.2291, 0.2886



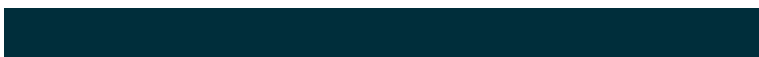
34.9903, 0.2250, 0.2163



18.1293, 0.2980, 0.3239



24.3780, 0.2055, 0.2596



2.2876, 0.2082, 0.2693

Inverse Universe

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



37.9497, 0.3433, 0.2294



35.5525, 0.3520, 0.2123



65.2672, 0.4052, 0.4192



16.7049, 0.3170, 0.3105



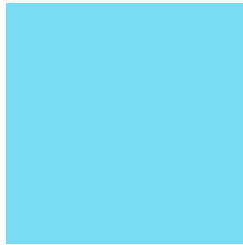
12.5604, 0.3828, 0.1882



1.1186, 0.3735, 0.1831

Previews

White Background



This preview shows how the Yxy color 60.7394, 0.2407, 0.2967 looks on a white background.

Color Contrast Check

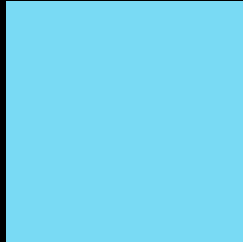
Large Text (above 18pt) WCAG AA × Fail

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 60.7394, 0.2407, 0.2967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

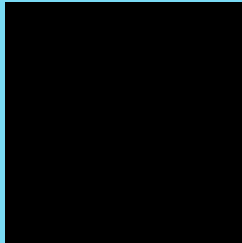
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7394, 0.2407, 0.2967

Background



This preview shows how black text looks on a background with the Yxy color 60.7394, 0.2407, 0.2967.



This preview shows how white text looks on a background with the Yxy color 60.7394, 0.2407, 0.2967.

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

60.7394, 0.2407, 0.2967

Protanopia

60.1300, 0.2886, 0.2936

Deuteranopia

60.0417, 0.2811, 0.2746



Tritanopia

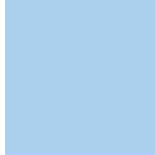
60.6994, 0.2433, 0.3062

Trichromacy



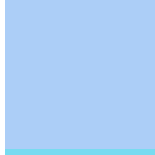
Original Color

60.7394, 0.2407, 0.2967



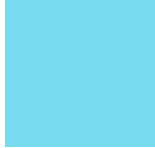
Protanomaly

59.7722, 0.2681, 0.2945



Deuteranomaly

59.6287, 0.2635, 0.2812



Tritanomaly

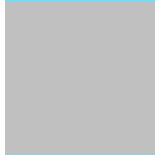
60.9474, 0.2424, 0.3026

Monochromacy



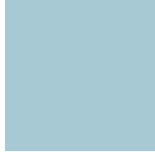
Original Color

60.7394, 0.2407, 0.2967



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

54.5834, 0.2803, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7394, 0.2407, 0.2967 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(121, 218, 244)` looks like.

```
.text, #text, p{  
    color:rgb(121, 218, 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(121, 218, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 218, 244) }
```

Border

The CSS property to change the border of an element to Yxy 60.7394, 0.2407, 0.2967 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(121, 218, 244) }
```

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

```
.border{ border-color:rgb(121, 218, 244) }
```

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

Here you see how a box with a 4 pixel rgb(121, 218, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 218, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 218, 244);  
box-shadow:4px 4px 4px 4px rgb(121, 218,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7394, 0.2407, 0.2967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 218, 244) }
```

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

```
.background{ background-color: rgb(121,  
218, 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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