

Converting Colors

$Yxy(60.1875, 0.2361, 0.2945)$

Have a look what the booklet for
Yxy(60.1875, 0.2361, 0.2945)
contains.

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Color

Yxy(60.1761, 0.2358, 0.2940)

Conversions

Conversions Part 1

Format	Color
Hex	6FDAF6
RGB	111, 218, 246
RGB Percent	44%, 85%, 96%
CMY	0.5645, 0.1451, 0.0354
CMYK	0.55, 0.11, 0.00, 0.04
HSL	192°, 88%, 70%
HSV	192°, 55%, 96%
XYZ	48.2637, 60.1761, 96.2408
YIQ	189.1990, -72.7600, -13.9760

Conversions

Conversions Part 2

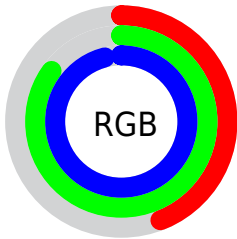
Format	Color
R _Y B	111, 171, 246
Decimal	7330550
CIE Lab	81.93, -23.23, -23.09
CIE LCh	82, 32.751, 224.826
Yxy	60.1761, 0.2358, 0.2940
Android (android.graphics.Color)	4285520630 (0xFF6FDAF6)
YUV	189.1990, 28.0029, -68.5805
Hunter-Lab	77.5733, -24.6960, -19.2565

Details

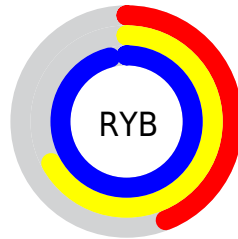
The Yxy color **60.1761, 0.2358, 0.2940** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **39.2146, 0.4584, 0.3588**, and the grayscale version is **50.8855, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3979, 0.2657, 0.3289**, and **30.3835, 0.2177, 0.2838** is the 20% darker color. If you saturate the color by 10%, you get **56.1903, 0.2257, 0.2865**, and if you desaturate by 10%, it is **64.6871, 0.2475, 0.3013**.

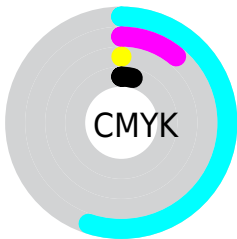
Distribution



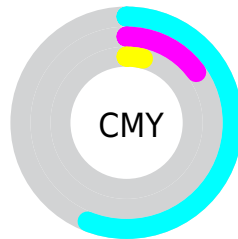
- Red (44%)
- Green (85%)
- Blue (96%)



- Red (44%)
- Yellow (67%)
- Blue (96%)



- Cyan (55%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (56%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1761, 0.2358, 0.2940 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 60.1761, 0.2358, 0.2940 by changing the saturation by 10% instead.

60.1761, 0.2358,
0.2940

60.1761, 0.2358,
0.2940

425.2466, 0.2714,
0.3116

43.5606, 0.2278,
0.2897

105.0851, 0.2481,
0.3003

30.3252, 0.2179,
0.2842

134.1473, 0.2529,
0.3027

20.0856, 0.2055,
0.2770

168.1273, 0.2570,
0.3048

12.4573, 0.1896,
0.2673

207.4094, 0.2606,
0.3065

7.0559, 0.1685,
0.2535

252.3779, 0.2638,
0.3080

3.4971, 0.1397,
0.2327

303.4174, 0.2666,

1.3964, 0.0983,

0.3094

0.1993

360.9121, 0.2691,
0.3105

0.2141, 0.0000,
0.0908

0.0000, 0.0000,
0.0000

60.1761, 0.2358,
0.2940

60.1761, 0.2358,
0.2940

56.1903, 0.2257,
0.2865

64.6871, 0.2475,
0.3013

52.6852, 0.2176,
0.2788

69.7501, 0.2607,
0.3083

49.6193, 0.2114,
0.2711

75.3977, 0.2749,
0.3148


46.9390, 0.2071,
0.2635

81.6579, 0.2898,
0.3209

 45.6682, 0.2055,
0.2596

 88.5567, 0.3052,
0.3265

 95.4198, 0.3184,
0.3315

 98.6095, 0.3180,
0.3364

 99.4324, 0.3179,
0.3376

Harmonies

Analogous

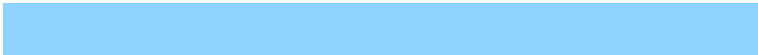
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.1761, 0.2498, 0.3321



60.1761, 0.2358, 0.2940



60.1761, 0.2405, 0.2691

Triad

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



60.1761, 0.2358, 0.2940



60.1761, 0.3428, 0.2904



60.1761, 0.3610, 0.4034

Complementary

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



60.1761, 0.2358, 0.2940



39.2146, 0.4584, 0.3588

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.



60.1761, 0.3892, 0.3855



60.1761, 0.2358, 0.2940



60.1761, 0.3790, 0.3210

Square

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



60.1761, 0.2358, 0.2940



60.1761, 0.2999, 0.2690



60.1761, 0.3963, 0.3550



60.1761, 0.3210, 0.3998

Rectangle

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



60.1761, 0.2358, 0.2940



60.1761, 0.2538, 0.2618



60.1761, 0.3963, 0.3550



60.1761, 0.3722, 0.3994

Sweetspot

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



60.1784, 0.2358, 0.2940



87.7862, 0.2880, 0.3202



71.1175, 0.2927, 0.4720



18.4816, 0.2849, 0.3190



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.



60.1784, 0.2358, 0.2940



60.4701, 0.2246, 0.2855



32.3422, 0.2170, 0.2043



18.1401, 0.2980, 0.3240



24.5896, 0.2058, 0.2609



2.3044, 0.2085, 0.2704

Inverse Universe

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



36.0330, 0.3463, 0.2215



33.2005, 0.3555, 0.2051



64.6413, 0.4142, 0.4262



16.7060, 0.3170, 0.3104



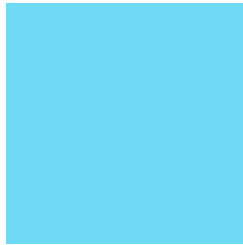
12.5817, 0.3815, 0.1875



1.1203, 0.3724, 0.1825

Previews

White Background



This preview shows how the Yxy color 60.1761, 0.2358, 0.2940 looks on a white background.

Color Contrast Check

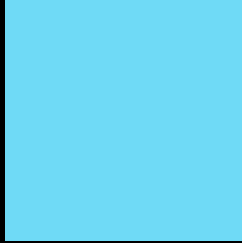
Large Text (above 18pt) WCAG AA × Fail

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 60.1761, 0.2358, 0.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

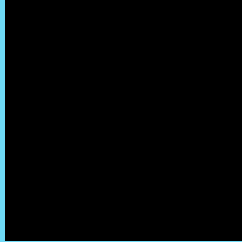
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1761, 0.2358, 0.2940

Background



This preview shows how black text looks on a background with the Yxy color 60.1761, 0.2358, 0.2940.



This preview shows how white text looks on a background with the Yxy color 60.1761, 0.2358, 0.2940.

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

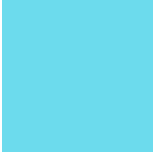
60.1761, 0.2358, 0.2940

Protanopia

59.4496, 0.2865, 0.2912

Deuteranopia

59.2961, 0.2777, 0.2711



Tritanopia

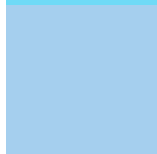
59.9656, 0.2388, 0.3060

Trichromacy



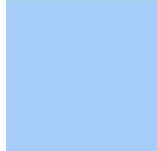
Original Color

60.1761, 0.2358, 0.2940



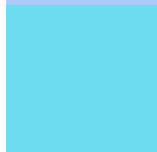
Protanomaly

58.7980, 0.2643, 0.2918



Deuteranomaly

58.6092, 0.2586, 0.2773



Tritanomaly

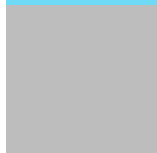
60.2055, 0.2379, 0.3023

Monochromacy



Original Color

60.1761, 0.2358, 0.2940



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

53.5388, 0.2774, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1761, 0.2358, 0.2940 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(111, 218, 246)` looks like.

```
.text, #text, p{  
    color:rgb(111, 218, 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(111, 218, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 218, 246) }
```

Border

The CSS property to change the border of an element to Yxy 60.1761, 0.2358, 0.2940 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(111, 218, 246) }
```

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

```
.border{ border-color:rgb(111, 218, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 218, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 218, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 218, 246);  
box-shadow:4px 4px 4px 4px rgb(111, 218,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1761, 0.2358, 0.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 218, 246) }
```

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

```
.background{ background-color: rgb(111,  
218, 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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