

Converting Colors

$Yxy(50.3575, 0.2361, 0.2669)$

Have a look what the booklet for
Yxy(50.3575, 0.2361, 0.2669)
contains.

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Color

Yxy(50.3575, 0.2361, 0.2669)

Conversions

Conversions Part 1

Format	Color
Hex	7CC4F5
RGB	124, 196, 245
RGB Percent	49%, 77%, 96%
CMY	0.5133, 0.2314, 0.0391
CMYK	0.49, 0.20, 0.00, 0.04
HSL	204°, 86%, 72%
HSV	204°, 49%, 96%
XYZ	44.5463, 50.3575, 93.7717
YIQ	180.0580, -58.6410, -0.0250

Conversions

Conversions Part 2

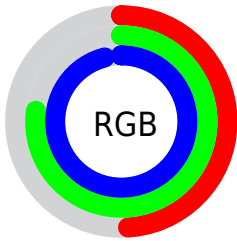
Format	Color
RYB	124, 169, 245
Decimal	8176885
CIELab	76.29, -9.41, -31.17
CIELCh	76, 32.555, 253.199
Yxy	50.3575, 0.2361, 0.2669
Android (android.graphics.Color)	4286366965 (0xFF7CC4F5)
YUV	180.0580, 32.0164, -49.1629
Hunter-Lab	70.9630, -12.1338, -28.6727

Details

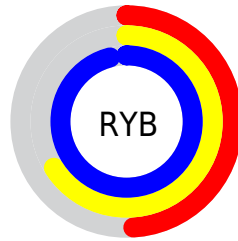
The Yxy color **50.3575, 0.2361, 0.2669** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **50.8141, 0.4230, 0.3820**, and the grayscale version is **45.5363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4156, 0.2709, 0.3267**, and **24.1101, 0.2167, 0.2491** is the 20% darker color. If you saturate the color by 10%, you get **44.4185, 0.2224, 0.2515**, and if you desaturate by 10%, it is **57.0507, 0.2510, 0.2815**.

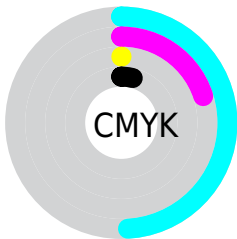
Distribution



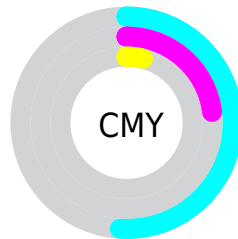
- Red (49%)
- Green (77%)
- Blue (96%)



- Red (49%)
- Yellow (66%)
- Blue (96%)



- Cyan (49%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (51%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.3575, 0.2361, 0.2669 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 50.3575, 0.2361, 0.2669 by changing the saturation by 10% instead.

■ 50.3575, 0.2361,
0.2669

■ 50.3575, 0.2361,
0.2669

■ 388.0623, 0.2726,
0.2974

■ 35.6975, 0.2276,
0.2596

■ 90.7043, 0.2489,
0.2778

■ 24.2007, 0.2171,
0.2504

■ 117.1600, 0.2539,
0.2819

■ 15.4826, 0.2037,
0.2385

■ 148.3164, 0.2581,
0.2855

■ 9.1588, 0.1863,
0.2227

■ 184.5578, 0.2618,
0.2885

■ 4.8449, 0.1629,
0.2009

■ 226.2687, 0.2650,
0.2912

■ 2.1565, 0.1305,
0.1694

■ 273.8335, 0.2678,

■ 0.6961, 0.0756,

0.2935

0.1218

327.6366, 0.2704,
0.2955

0.0000, 0.0000,
0.0000

50.3575, 0.2361,
0.2669

50.3575, 0.2361,
0.2669

44.4185, 0.2224,
0.2515

57.0507, 0.2510,
0.2815

39.1882, 0.2102,
0.2357

64.5287, 0.2665,
0.2952

34.6235, 0.1999,
0.2198

72.8268, 0.2824,
0.3078

30.6719, 0.1919,
0.2041

81.9761, 0.2982,
0.3193

27.2554, 0.1859,
0.1888

92.0059, 0.3137,
0.3296

■ 27.0455, 0.1855,
0.1879

■ 99.3737, 0.3185,
0.3386

Harmonies

Analogous

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



50.3575, 0.2322, 0.2938



50.3575, 0.2361, 0.2669



50.3575, 0.2588, 0.2576

Triad

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



50.3575, 0.2361, 0.2669



50.3575, 0.3810, 0.3185



50.3575, 0.3237, 0.4048

Complementary

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



50.3575, 0.2361, 0.2669



50.8141, 0.4230, 0.3820

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.



50.3575, 0.3655, 0.4069



50.3575, 0.2361, 0.2669



50.3575, 0.4006, 0.3542

Square

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



50.3575, 0.2361, 0.2669



50.3575, 0.3419, 0.2869



50.3575, 0.3943, 0.3867



50.3575, 0.2807, 0.3772

Rectangle

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



50.3575, 0.2361, 0.2669



50.3575, 0.2828, 0.2609



50.3575, 0.3943, 0.3867



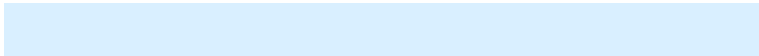
50.3575, 0.3383, 0.4085

Sweetspot

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



50.3594, 0.2361, 0.2669



83.9529, 0.2893, 0.3129



72.6053, 0.2822, 0.4226



17.5238, 0.2859, 0.3105



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.



50.3594, 0.2361, 0.2669



48.7743, 0.2226, 0.2519



28.5504, 0.2209, 0.1874



17.5648, 0.2980, 0.3192



14.8465, 0.1862, 0.1903



1.5063, 0.1915, 0.2094

Inverse Universe

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



37.8422, 0.3673, 0.2534



35.1662, 0.3834, 0.2408



79.1099, 0.3908, 0.4390



16.6479, 0.3200, 0.3150



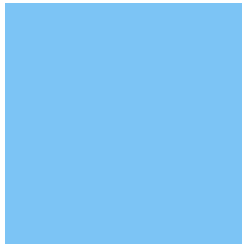
11.5981, 0.4564, 0.2288



1.0397, 0.4347, 0.2169

Previews

White Background



This preview shows how the Yxy color 50.3575, 0.2361, 0.2669 looks on a white background.

Color Contrast Check

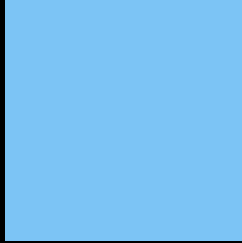
Large Text (above 18pt) WCAG AA × Fail

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 50.3575, 0.2361, 0.2669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

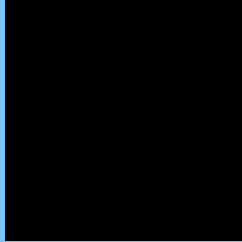
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

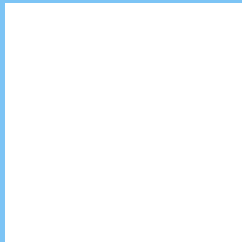
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3575, 0.2361, 0.2669

Background



This preview shows how black text looks on a background with the Yxy color 50.3575, 0.2361, 0.2669.

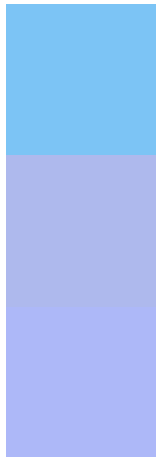


This preview shows how white text looks on a background with the Yxy color 50.3575, 0.2361, 0.2669.

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

50.3575, 0.2361, 0.2669

Protanopia

49.8110, 0.2679, 0.2664

Deuteranopia

49.9425, 0.2605, 0.2535



Tritanopia

50.4279, 0.2466, 0.3072

Trichromacy



Original Color

50.3575, 0.2361, 0.2669

Protanomaly

49.7544, 0.2548, 0.2662

Deuteranomaly

49.6504, 0.2502, 0.2573

Tritanomaly

50.2445, 0.2425, 0.2918

Monochromacy



Original Color

50.3575, 0.2361, 0.2669

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.9510, 0.2792, 0.3052

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3575, 0.2361, 0.2669 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(124, 196, 245)` looks like.

```
.text, #text, p{  
    color:rgb(124, 196, 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(124, 196, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 196, 245) }
```

Border

The CSS property to change the border of an element to Yxy 50.3575, 0.2361, 0.2669 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(124, 196, 245) }
```

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

```
.border{ border-color:rgb(124, 196, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 196, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 196, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 196, 245);  
box-shadow:4px 4px 4px 4px rgb(124, 196,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3575, 0.2361, 0.2669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 196, 245) }
```

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

```
.background{ background-color: rgb(124,  
196, 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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