

Converting Colors

$Yxy(60.0761, 0.2575, 0.2788)$

Have a look what the booklet for
Yxy(60.0761, 0.2575, 0.2788)
contains.

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Color

Yxy(60.0761, 0.2575, 0.2788)

Conversions

Conversions Part 1

Format	Color
Hex	A5D0FB
RGB	165, 208, 251
RGB Percent	65%, 82%, 98%
CMY	0.3528, 0.1843, 0.0158
CMYK	0.34, 0.17, 0.00, 0.02
HSL	210°, 91%, 82%
HSV	210°, 34%, 98%
XYZ	55.4864, 60.0761, 99.9185
YIQ	200.0450, -39.4310, 4.2570

Conversions

Conversions Part 2

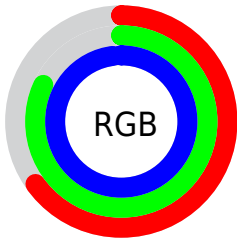
Format	Color
RYB	165, 194, 251
Decimal	10866939
CIELab	81.88, -4.01, -25.60
CIElCh	82, 25.908, 261.088
Yxy	60.0761, 0.2575, 0.2788
Android (android.graphics.Color)	4289057019 (0xFFA5D0FB)
YUV	200.0450, 25.1208, -30.7345
Hunter-Lab	77.5088, -7.8572, -22.1761

Details

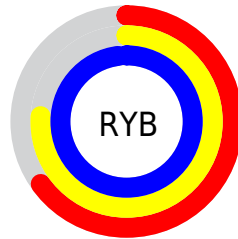
The Yxy color **60.0761, 0.2575, 0.2788** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.3368, 0.3785, 0.3742**, and the grayscale version is **57.6525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **30.3212, 0.2443, 0.2672** is the 20% darker color. If you saturate the color by 10%, you get **51.7661, 0.2412, 0.2610**, and if you desaturate by 10%, it is **69.4030, 0.2740, 0.2952**.

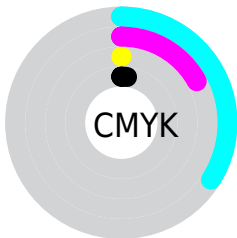
Distribution



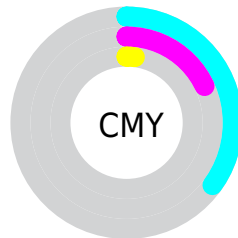
- Red (65%)
- Green (82%)
- Blue (98%)



- Red (65%)
- Yellow (76%)
- Blue (98%)



- Cyan (34%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (35%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0761, 0.2575, 0.2788 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 60.0761, 0.2575, 0.2788 by changing the saturation by 10% instead.

60.0761, 0.2575,
0.2788

60.0761, 0.2575,
0.2788

424.8782, 0.2834,
0.3026

43.4800, 0.2515,
0.2732

104.9401, 0.2665,
0.2872

30.2619, 0.2442,
0.2663

133.9767, 0.2700,
0.2904

20.0375, 0.2349,
0.2576

167.9289, 0.2730,
0.2932

12.4223, 0.2227,
0.2460

207.1812, 0.2756,
0.2956

7.0320, 0.2063,
0.2302

252.1178, 0.2779,
0.2977

3.4821, 0.1831,
0.2075

303.1233, 0.2800,

1.3883, 0.1486,

0.2995

0.1731

360.5820, 0.2818,
0.3012

0.2081, 0.0363,
0.0756

0.0000, 0.0000,
0.0000

60.0761, 0.2575,
0.2788

60.0761, 0.2575,
0.2788

51.7661, 0.2412,
0.2610

69.4030, 0.2740,
0.2952

44.4240, 0.2255,
0.2422

79.7792, 0.2904,
0.3102

38.0061, 0.2111,
0.2226

91.2438, 0.3062,
0.3237

32.4619, 0.1984,
0.2028

99.7436, 0.3150,
0.3328

■ 27.7342, 0.1879,
0.1833

■ 23.7549, 0.1800,
0.1648

■ 21.7536, 0.1763,
0.1546

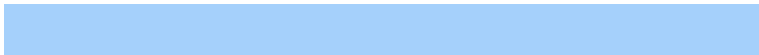
Harmonies

Analogous

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



60.0761, 0.2505, 0.2965



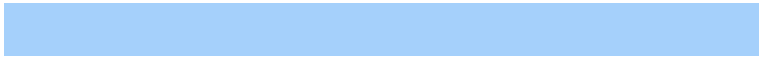
60.0761, 0.2575, 0.2788



60.0761, 0.2787, 0.2746

Triad

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



60.0761, 0.2575, 0.2788



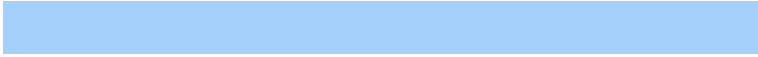
60.0761, 0.3693, 0.3288



60.0761, 0.3128, 0.3811

Complementary

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



60.0761, 0.2575, 0.2788



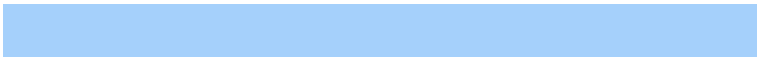
68.3368, 0.3785, 0.3742

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.



60.0761, 0.3454, 0.3886



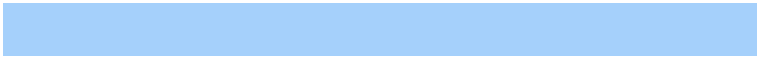
60.0761, 0.2575, 0.2788



60.0761, 0.3792, 0.3561

Square

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



60.0761, 0.2575, 0.2788



60.0761, 0.3434, 0.3028



60.0761, 0.3700, 0.3784



60.0761, 0.2813, 0.3570

Rectangle

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



60.0761, 0.2575, 0.2788



60.0761, 0.2987, 0.2791



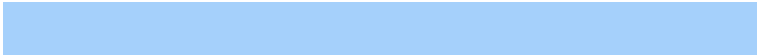
60.0761, 0.3700, 0.3784



60.0761, 0.3240, 0.3857

Sweetspot

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



60.0784, 0.2575, 0.2788



87.6133, 0.2971, 0.3161



81.5369, 0.2854, 0.3790



18.4001, 0.2949, 0.3142



0.0000, 0.0000, 0.0000



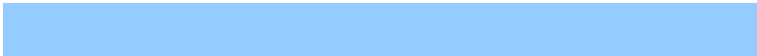
21.4041, 0.3127, 0.3290

Same Dimension

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



60.0784, 0.2575, 0.2788



56.3279, 0.2464, 0.2669



41.8867, 0.2505, 0.2262



18.0769, 0.2980, 0.3168



11.7282, 0.1771, 0.1575



1.2982, 0.1831, 0.1791

Inverse Universe

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



51.9798, 0.3533, 0.2842



47.5152, 0.3647, 0.2752



92.2030, 0.3645, 0.4146



17.3700, 0.3215, 0.3172



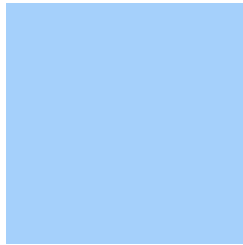
11.5949, 0.4962, 0.2507



1.0953, 0.4696, 0.2361

Previews

White Background



This preview shows how the Yxy color 60.0761, 0.2575, 0.2788 looks on a white background.

Color Contrast Check

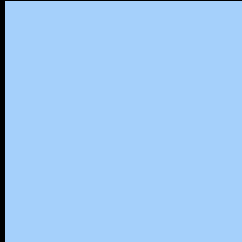
Large Text (above 18pt) WCAG AA × Fail

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 60.0761, 0.2575, 0.2788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

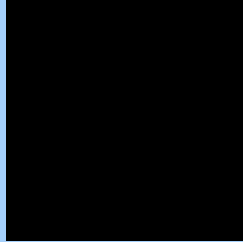
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

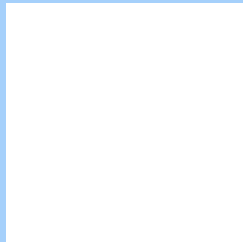
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0761, 0.2575, 0.2788

Background



This preview shows how black text looks on a background with the Yxy color 60.0761, 0.2575, 0.2788.



This preview shows how white text looks on a background with the Yxy color 60.0761, 0.2575, 0.2788.

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

60.0761, 0.2575, 0.2788

Protanopia

59.7646, 0.2770, 0.2781

Deuteranopia

59.8090, 0.2753, 0.2691



Tritanopia

60.2177, 0.2671, 0.3082

Trichromacy



Original Color

60.0761, 0.2575, 0.2788

Protanomaly

60.0303, 0.2695, 0.2787

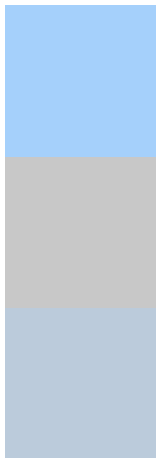
Deuteranomaly

59.5836, 0.2683, 0.2723

Tritanomaly

60.3843, 0.2637, 0.2977

Monochromacy



Original Color

60.0761, 0.2575, 0.2788

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.3911, 0.2899, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0761, 0.2575, 0.2788 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(165, 208, 251)` looks like.

```
.text, #text, p{  
    color:rgb(165, 208, 251)  
}
```

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(165, 208, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 208, 251) }
```

Border

The CSS property to change the border of an element to Yxy 60.0761, 0.2575, 0.2788 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(165, 208, 251) }
```

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

```
.border{ border-color:rgb(165, 208, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 208, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 208, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 208, 251); box-shadow:4px 4px 4px 4px rgb(165, 208, 251) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0761, 0.2575, 0.2788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 208, 251) }
```

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

```
.background{ background-color: rgb(165,  
208, 251) }
```

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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