

Converting Colors

$Yxy(60.4733, 0.2577, 0.2775)$

Have a look what the booklet for
Yxy(60.4733, 0.2577, 0.2775)
contains.

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Color

Yxy(60.4191, 0.2576, 0.2768)

Conversions

Conversions Part 1

Format	Color
Hex	A7D0FD
RGB	167, 208, 253
RGB Percent	65%, 82%, 99%
CMY	0.3449, 0.1843, 0.0078
CMYK	0.34, 0.18, 0.00, 0.01
HSL	211°, 96%, 82%
HSV	211°, 34%, 99%
XYZ	56.2282, 60.4191, 101.6298
YIQ	200.8710, -38.8810, 5.3030

Conversions

Conversions Part 2

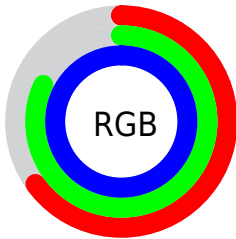
Format	Color
R _Y B	167, 195, 253
Decimal	10998013
CIE Lab	82.07, -2.96, -26.38
CIE LCh	82, 26.544, 263.595
Yxy	60.4191, 0.2576, 0.2768
Android (android.graphics.Color)	4289188093 (0xFFA7D0FD)
YUV	200.8710, 25.6996, -29.7049
Hunter-Lab	77.7297, -6.9036, -23.1095

Details

The Yxy color **60.4191, 0.2576, 0.2768** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.7876, 0.3772, 0.3759**, and the grayscale version is **58.1864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **30.5415, 0.2444, 0.2647** is the 20% darker color. If you saturate the color by 10%, you get **51.7374, 0.2410, 0.2582**, and if you desaturate by 10%, it is **70.1841, 0.2743, 0.2940**.

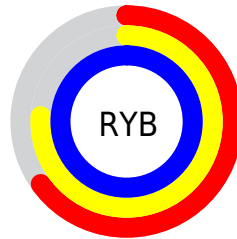
Distribution



Red (65%)

Green (82%)

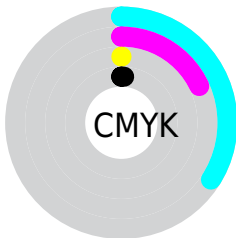
Blue (99%)



Red (65%)

Yellow (76%)

Blue (99%)

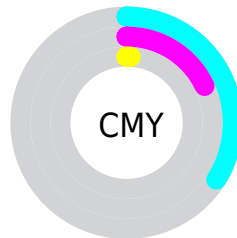


Cyan (34%)

Magenta (18%)

Yellow (0%)

Black (1%)



Cyan (34%)

Magenta (18%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4191, 0.2576, 0.2768 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 60.4191, 0.2576, 0.2768 by changing the saturation by 10% instead.

■ 60.4191, 0.2576,
0.2768

■ 60.4191, 0.2576,
0.2768

■ 426.1408, 0.2834,
0.3015

■ 43.7565, 0.2517,
0.2711

■ 105.4374, 0.2666,
0.2854

■ 30.4791, 0.2443,
0.2640

■ 134.5619, 0.2701,
0.2888

■ 20.2026, 0.2351,
0.2549

■ 168.6092, 0.2731,
0.2917

■ 12.5424, 0.2230,
0.2431

■ 207.9636, 0.2757,
0.2941

■ 7.1142, 0.2067,
0.2270

■ 253.0096, 0.2780,
0.2963

■ 3.5336, 0.1837,
0.2041

■ 304.1315, 0.2800,

■ 1.4163, 0.1496,

0.2982

0.1695

361.7138, 0.2818,
0.3000

0.2287, 0.0489,
0.0771

0.0000, 0.0000,
0.0000

60.4191, 0.2576,
0.2768

60.4191, 0.2576,
0.2768

51.7374, 0.2410,
0.2582

70.1841, 0.2743,
0.2940

44.0872, 0.2250,
0.2384

81.0671, 0.2907,
0.3097

37.4224, 0.2102,
0.2178

93.1094, 0.3066,
0.3238

31.6897, 0.1971,
0.1971

99.8721, 0.3139,
0.3309

■ 26.8286, 0.1863,
0.1768

■ 22.7681, 0.1780,
0.1576

■ 20.6538, 0.1741,
0.1467

Harmonies

Analogous

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



60.4191, 0.2492, 0.2938



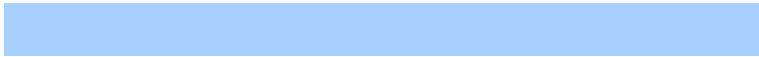
60.4191, 0.2576, 0.2768



60.4191, 0.2803, 0.2737

Triad

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



60.4191, 0.2576, 0.2768



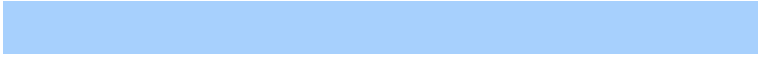
60.4191, 0.3722, 0.3311



60.4191, 0.3099, 0.3809

Complementary

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



60.4191, 0.2576, 0.2768



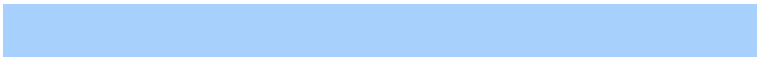
70.7876, 0.3772, 0.3759

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.



60.4191, 0.3435, 0.3900



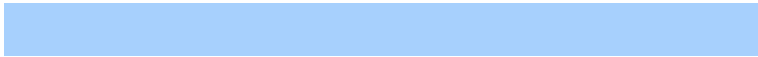
60.4191, 0.2576, 0.2768



60.4191, 0.3806, 0.3588

Square

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



60.4191, 0.2576, 0.2768



60.4191, 0.3468, 0.3042



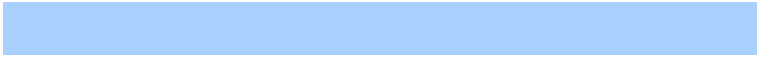
60.4191, 0.3697, 0.3809



60.4191, 0.2782, 0.3551

Rectangle

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



60.4191, 0.2576, 0.2768



60.4191, 0.3012, 0.2791



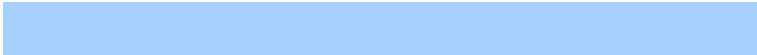
60.4191, 0.3697, 0.3809



60.4191, 0.3213, 0.3861

Sweetspot

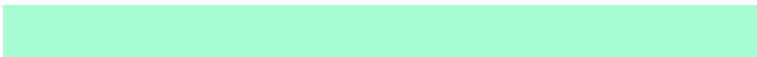
The Sweet Spot groups the original color and five complimentary colors.



60.4215, 0.2576, 0.2768



87.2555, 0.2971, 0.3155



83.1995, 0.2849, 0.3769



18.3136, 0.2949, 0.3135



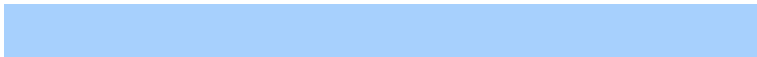
0.0000, 0.0000, 0.0000



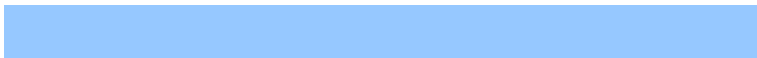
21.4041, 0.3127, 0.3290

Same Dimension

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



60.4215, 0.2576, 0.2768



55.1752, 0.2459, 0.2638



43.1217, 0.2521, 0.2274



18.8053, 0.2979, 0.3162



11.2741, 0.1749, 0.1496



1.3148, 0.1808, 0.1707

Inverse Universe

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



53.0899, 0.3547, 0.2866



47.3988, 0.3671, 0.2776



93.6606, 0.3631, 0.4143



18.1312, 0.3219, 0.3177



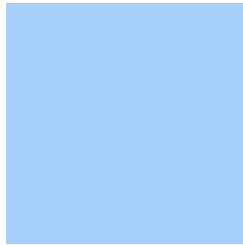
11.8661, 0.5065, 0.2564



1.1773, 0.4797, 0.2416

Previews

White Background



This preview shows how the Yxy color 60.4191, 0.2576, 0.2768 looks on a white background.

Color Contrast Check

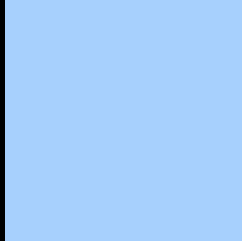
Large Text (above 18pt) WCAG AA × Fail

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 60.4191, 0.2576, 0.2768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

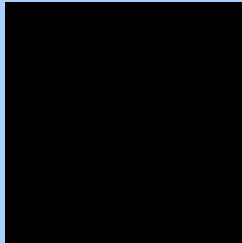
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

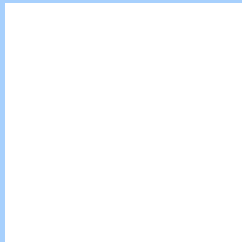
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.4191, 0.2576, 0.2768

Background



This preview shows how black text looks on a background with the Yxy color 60.4191, 0.2576, 0.2768.



This preview shows how white text looks on a background with the Yxy color 60.4191, 0.2576, 0.2768.

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

60.4191, 0.2576, 0.2768

Protanopia

60.4181, 0.2753, 0.2762

Deuteranopia

60.3989, 0.2742, 0.2683



Tritanopia

60.3212, 0.2677, 0.3082

Trichromacy



Original Color

60.4191, 0.2576, 0.2768

Protanomaly

60.2782, 0.2690, 0.2767

Deuteranomaly

60.3067, 0.2679, 0.2716

Tritanomaly

60.5481, 0.2637, 0.2966

Monochromacy



Original Color

60.4191, 0.2576, 0.2768

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.1719, 0.2908, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4191, 0.2576, 0.2768 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(167, 208, 253)` looks like.

```
.text, #text, p{  
    color:rgb(167, 208, 253)  
}
```

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(167, 208, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 208, 253) }
```

Border

The CSS property to change the border of an element to Yxy 60.4191, 0.2576, 0.2768 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(167, 208, 253) }
```

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

```
.border{ border-color:rgb(167, 208, 253) }
```

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

Here you see how a box with a 4 pixel rgb(167, 208, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 208, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 208, 253);  
box-shadow:4px 4px 4px 4px rgb(167, 208,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4191, 0.2576, 0.2768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 208, 253) }
```

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

```
.background{ background-color: rgb(167,  
208, 253) }
```

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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