

Converting Colors

$Yxy(66.0711, 0.2257, 0.2131)$

Have a look what the booklet for
Yxy(66.0711, 0.2257, 0.2131)
contains.

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Color

Yxy(60.5472, 0.2565, 0.2747)

Conversions

Conversions Part 1

Format	Color
Hex	A7D0FF
RGB	167, 208, 255
RGB Percent	65%, 82%, 100%
CMY	0.3453, 0.1843, 0.0000
CMYK	0.35, 0.18, 0.00, 0.00
HSL	212°, 100%, 83%
HSV	212°, 35%, 100%
XYZ	56.5357, 60.5472, 103.3292
YIQ	201.0990, -39.5230, 5.9250

Conversions

Conversions Part 2

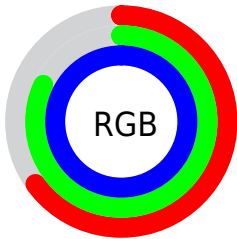
Format	Color
R _Y B	167, 195, 255
Decimal	10998015
CIE Lab	82.13, -2.50, -27.34
CIE LCh	82, 27.456, 264.785
Yxy	60.5472, 0.2565, 0.2747
Android (android.graphics.Color)	4289188095 (0xFFA7D0FF)
YUV	201.0990, 26.5732, -29.9048
Hunter-Lab	77.8121, -6.4789, -24.2647

Details

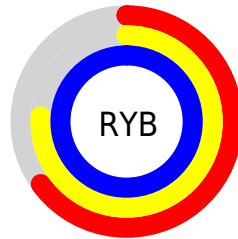
The Yxy color **60.5472, 0.2565, 0.2747** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.1081, 0.3782, 0.3775**, and the grayscale version is **58.3184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **30.6332, 0.2432, 0.2620** is the 20% darker color. If you saturate the color by 10%, you get **51.6869, 0.2398, 0.2556**, and if you desaturate by 10%, it is **70.5266, 0.2733, 0.2924**.

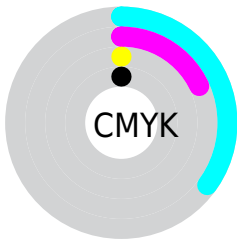
Distribution



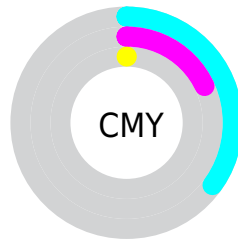
- Red (65%)
- Green (82%)
- Blue (100%)



- Red (65%)
- Yellow (76%)
- Blue (100%)



- Cyan (35%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5472, 0.2565, 0.2747 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 60.5472, 0.2565, 0.2747 by changing the saturation by 10% instead.

60.5472, 0.2565,
0.2747

60.5472, 0.2565,
0.2747

426.6118, 0.2828,
0.3003

43.8598, 0.2505,
0.2688

105.6230, 0.2657,
0.2837

30.5603, 0.2430,
0.2614

134.7803, 0.2692,
0.2871

20.2643, 0.2336,
0.2521

168.8630, 0.2723,
0.2901

12.5873, 0.2213,
0.2400

208.2556, 0.2749,
0.2927

7.1450, 0.2048,
0.2235

253.3423, 0.2773,
0.2949

3.5529, 0.1816,
0.2001

304.5077, 0.2793,

1.4268, 0.1475,

0.2969

0.1651

362.1360, 0.2812,
0.2987

0.2363, 0.0521,
0.0753

0.0000, 0.0000,
0.0000

60.5472, 0.2565,
0.2747

60.5472, 0.2565,
0.2747

51.6869, 0.2398,
0.2556

70.5266, 0.2733,
0.2924

43.8956, 0.2237,
0.2354

81.6651, 0.2898,
0.3085

37.1240, 0.2089,
0.2144

94.0045, 0.3058,
0.3230

31.3164, 0.1958,
0.1933

100.0000, 0.3127,
0.3290

■ 26.4097, 0.1849,
0.1727

■ 22.3294, 0.1767,
0.1533

■ 20.3962, 0.1732,
0.1434

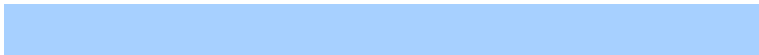
Harmonies

Analogous

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



60.5472, 0.2472, 0.2916



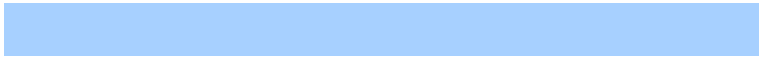
60.5472, 0.2565, 0.2747



60.5472, 0.2804, 0.2721

Triad

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



60.5472, 0.2565, 0.2747



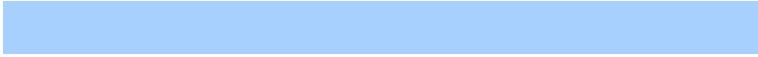
60.5472, 0.3750, 0.3322



60.5472, 0.3083, 0.3820

Complementary

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



60.5472, 0.2565, 0.2747



72.1081, 0.3782, 0.3775

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.



60.5472, 0.3431, 0.3922



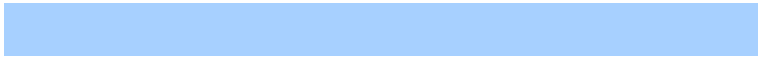
60.5472, 0.2565, 0.2747



60.5472, 0.3829, 0.3608

Square

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



60.5472, 0.2565, 0.2747



60.5472, 0.3492, 0.3044



60.5472, 0.3708, 0.3833



60.5472, 0.2759, 0.3547

Rectangle

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



60.5472, 0.2565, 0.2747



60.5472, 0.3022, 0.2780



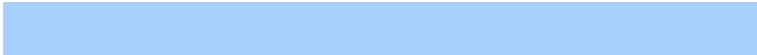
60.5472, 0.3708, 0.3833



60.5472, 0.3201, 0.3876

Sweetspot

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



60.5484, 0.2565, 0.2747



87.1037, 0.2971, 0.3153



84.5803, 0.2837, 0.3761



18.2769, 0.2949, 0.3132



0.0000, 0.0000, 0.0000



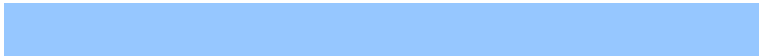
21.4041, 0.3127, 0.3290

Same Dimension

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



60.5484, 0.2565, 0.2747



54.6904, 0.2457, 0.2625



43.3716, 0.2519, 0.2256



18.7743, 0.2979, 0.3160



10.9499, 0.1740, 0.1463



1.2823, 0.1799, 0.1677

Inverse Universe

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



53.4333, 0.3565, 0.2867



47.3499, 0.3682, 0.2787



95.0157, 0.3629, 0.4160



18.1281, 0.3221, 0.3180



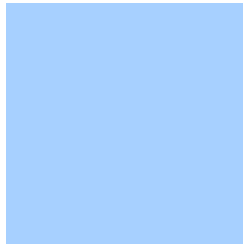
11.8334, 0.5107, 0.2587



1.1740, 0.4835, 0.2437

Previews

White Background



This preview shows how the Yxy color 60.5472, 0.2565, 0.2747 looks on a white background.

Color Contrast Check

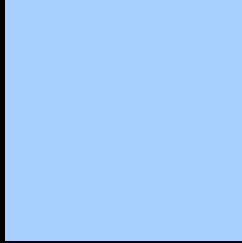
Large Text (above 18pt) WCAG AA × Fail

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 60.5472, 0.2565, 0.2747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

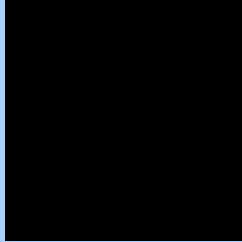
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

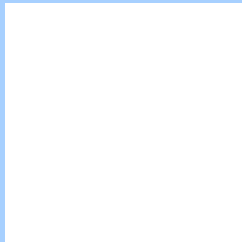
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5472, 0.2565, 0.2747

Background



This preview shows how black text looks on a background with the Yxy color 60.5472, 0.2565, 0.2747.



This preview shows how white text looks on a background with the Yxy color 60.5472, 0.2565, 0.2747.

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

60.5472, 0.2565, 0.2747

Protanopia

60.4126, 0.2734, 0.2741

Deuteranopia

60.2643, 0.2735, 0.2682



Tritanopia

60.3212, 0.2677, 0.3082

Trichromacy



Original Color

60.5472, 0.2565, 0.2747

Protanomaly

60.2813, 0.2673, 0.2745

Deuteranomaly

60.2462, 0.2667, 0.2704

Tritanomaly

60.5481, 0.2637, 0.2966

Monochromacy



Original Color

60.5472, 0.2565, 0.2747

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.2250, 0.2901, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5472, 0.2565, 0.2747 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(167, 208, 255)  
}
```

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, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 208, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.5472, 0.2565, 0.2747 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, 255) }
```

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

```
.border{ border-color:rgb(167, 208, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(167, 208,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5472, 0.2565, 0.2747 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, 255) }
```

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

```
.background{ background-color: rgb(167,  
208, 255) }
```

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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