

Converting Colors

$Yxy(57.3713, 0.2537, 0.2748)$

Have a look what the booklet for
Yxy(57.3713, 0.2537, 0.2748)
contains.

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Color

Yxy(57.3570, 0.2533, 0.2744)

Conversions

Conversions Part 1

Format	Color
Hex	9ECCFA
RGB	158, 204, 250
RGB Percent	62%, 80%, 98%
CMY	0.3804, 0.2000, 0.0196
CMYK	0.37, 0.18, 0.00, 0.02
HSL	210°, 90%, 80%
HSV	210°, 37%, 98%
XYZ	52.9465, 57.3570, 98.7234
YIQ	195.4900, -42.1820, 4.5540

Conversions

Conversions Part 2

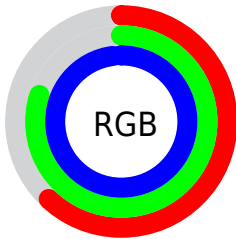
Format	Color
R _Y B	158, 189, 250
Decimal	10407162
CIE Lab	80.38, -4.03, -27.40
CIE LCh	80, 27.697, 261.642
Yxy	57.3570, 0.2533, 0.2744
Android (android.graphics.Color)	4288597242 (0xFF9ECCFA)
YUV	195.4900, 26.8734, -32.8787
Hunter-Lab	75.7344, -7.7444, -24.2733

Details

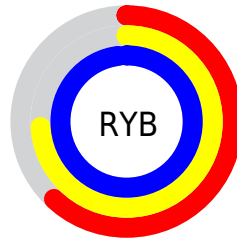
The Yxy color **57.3570, 0.2533, 0.2744** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.9703, 0.3846, 0.3776**, and the grayscale version is **54.7360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1871, 0.2889, 0.3289**, and **28.5465, 0.2391, 0.2613** is the 20% darker color. If you saturate the color by 10%, you get **49.3723, 0.2371, 0.2563**, and if you desaturate by 10%, it is **66.3384, 0.2698, 0.2912**.

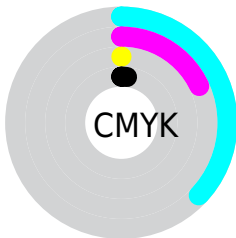
Distribution



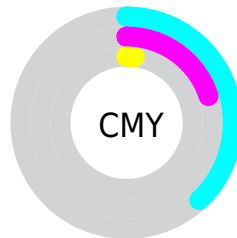
- Red (62%)
- Green (80%)
- Blue (98%)



- Red (62%)
- Yellow (74%)
- Blue (98%)



- Cyan (37%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)





- Cyan (38%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3570, 0.2533, 0.2744 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 57.3570, 0.2533, 0.2744 by changing the saturation by 10% instead.

 57.3570, 0.2533,
0.2744


 57.3570, 0.2533,
0.2744

414.7857, 0.2813,
0.3005

 41.2919, 0.2468,
0.2683


 100.9859, 0.2631,
0.2836

 28.5473, 0.2388,
0.2607


 129.3185, 0.2669,
0.2871

 18.7386, 0.2286,
0.2510


162.5092, 0.2701,
0.2901

 11.4816, 0.2154,
0.2382

200.9421, 0.2730,
0.2928

 6.3917, 0.1974,
0.2208

245.0019, 0.2754,
0.2951

 3.0847, 0.1721,
0.1957

295.0728, 0.2776,

 1.1761, 0.1347,

0.2971

0.1579

351.5393, 0.2796,
0.2989

0.0421, 0.0000,
0.0176

0.0000, 0.0000,
0.0000

57.3570, 0.2533,
0.2744

57.3570, 0.2533,
0.2744

49.3723, 0.2371,
0.2563

66.3384, 0.2698,
0.2912

42.3352, 0.2217,
0.2373

76.3495, 0.2862,
0.3066

36.2013, 0.2077,
0.2176

87.4296, 0.3022,
0.3204

30.9191, 0.1955,
0.1978

99.0423, 0.3157,
0.3328

■ 26.4297, 0.1857,
0.1786

■ 99.6822, 0.3156,
0.3338

■ 22.6611, 0.1783,
0.1603

■ 21.5779, 0.1763,
0.1547

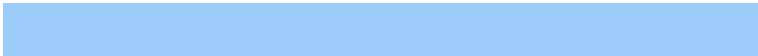
Harmonies

Analogous

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



57.3570, 0.2455, 0.2931



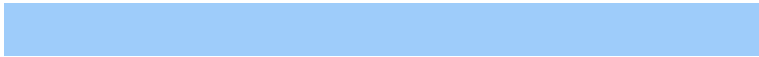
57.3570, 0.2533, 0.2744



57.3570, 0.2763, 0.2703

Triad

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



57.3570, 0.2533, 0.2744



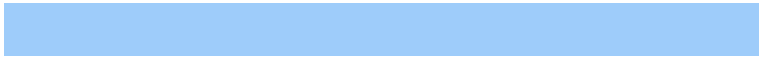
57.3570, 0.3746, 0.3291



57.3570, 0.3119, 0.3855

Complementary

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



57.3570, 0.2533, 0.2744



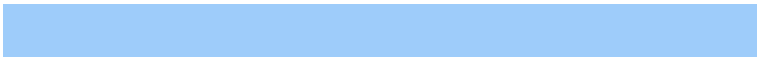
65.9703, 0.3846, 0.3776

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.



57.3570, 0.3474, 0.3938



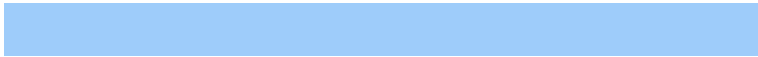
57.3570, 0.2533, 0.2744



57.3570, 0.3849, 0.3586

Square

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



57.3570, 0.2533, 0.2744



57.3570, 0.3466, 0.3011



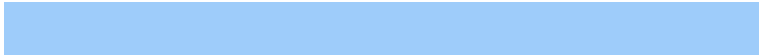
57.3570, 0.3745, 0.3828



57.3570, 0.2780, 0.3589

Rectangle

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



57.3570, 0.2533, 0.2744



57.3570, 0.2981, 0.2754



57.3570, 0.3745, 0.3828



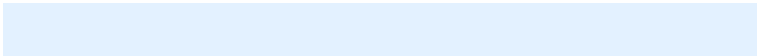
57.3570, 0.3241, 0.3906

Sweetspot

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



57.3592, 0.2533, 0.2744



86.4407, 0.2955, 0.3148



79.9265, 0.2845, 0.3854



18.1648, 0.2934, 0.3129



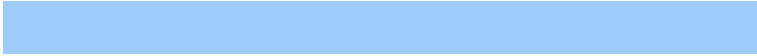
0.0000, 0.0000, 0.0000



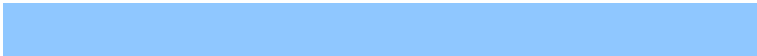
21.4041, 0.3127, 0.3290

Same Dimension

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



57.3592, 0.2533, 0.2744



53.8493, 0.2415, 0.2614



39.1463, 0.2454, 0.2191



18.0774, 0.2980, 0.3168



11.7333, 0.1771, 0.1576



1.2987, 0.1831, 0.1791

Inverse Universe

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



49.1340, 0.3574, 0.2808



44.9645, 0.3701, 0.2713



90.2157, 0.3687, 0.4194



17.3700, 0.3215, 0.3172



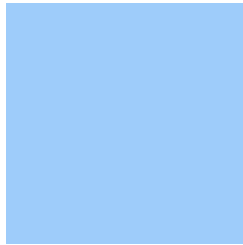
11.5954, 0.4962, 0.2507



1.0953, 0.4696, 0.2360

Previews

White Background



This preview shows how the Yxy color 57.3570, 0.2533, 0.2744 looks on a white background.

Color Contrast Check

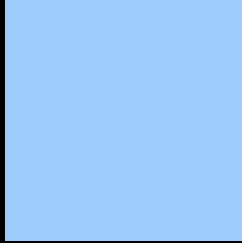
Large Text (above 18pt) WCAG AA × Fail

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 57.3570, 0.2533, 0.2744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

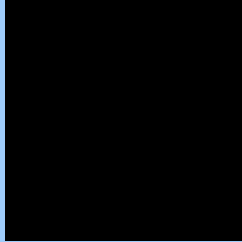
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

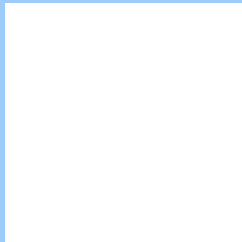
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.3570, 0.2533, 0.2744

Background



This preview shows how black text looks on a background with the Yxy color 57.3570, 0.2533, 0.2744.



This preview shows how white text looks on a background with the Yxy color 57.3570, 0.2533, 0.2744.

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

57.3570, 0.2533, 0.2744

Protanopia

57.2164, 0.2739, 0.2740

Deuteranopia

57.0056, 0.2708, 0.2647



Tritanopia

57.2234, 0.2639, 0.3076

Trichromacy



Original Color

57.3570, 0.2533, 0.2744

Protanomaly

57.3711, 0.2658, 0.2744

Deuteranomaly

56.8182, 0.2639, 0.2679

Tritanomaly

57.4362, 0.2600, 0.2958

Monochromacy



Original Color

57.3570, 0.2533, 0.2744

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.2395, 0.2888, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3570, 0.2533, 0.2744 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(158, 204, 250)` looks like.

```
.text, #text, p{  
    color:rgb(158, 204, 250)  
}
```

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(158, 204, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 204, 250) }
```

Border

The CSS property to change the border of an element to Yxy 57.3570, 0.2533, 0.2744 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(158, 204, 250) }
```

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

```
.border{ border-color:rgb(158, 204, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 204, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 204, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 204, 250);  
box-shadow:4px 4px 4px 4px rgb(158, 204,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3570, 0.2533, 0.2744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 204, 250) }
```

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

```
.background{ background-color: rgb(158,  
204, 250) }
```

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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