

Converting Colors

$Yxy(57.3740, 0.2496, 0.2687)$

Have a look what the booklet for
Yxy(57.3740, 0.2496, 0.2687)
contains.

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Color

Yxy(57.4737, 0.2496, 0.2689)

Conversions

Conversions Part 1

Format	Color
Hex	9CCCFF
RGB	156, 204, 255
RGB Percent	61%, 80%, 100%
CMY	0.3884, 0.2000, 0.0000
CMYK	0.39, 0.20, 0.00, 0.00
HSL	211°, 100%, 81%
HSV	211°, 39%, 100%
XYZ	53.3486, 57.4737, 102.9140
YIQ	195.4620, -44.9790, 5.6850

Conversions

Conversions Part 2

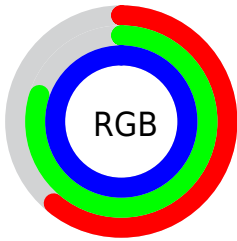
Format	Color
R _Y B	156, 188, 255
Decimal	10276095
CIE Lab	80.45, -3.27, -29.99
CIE LCh	80, 30.169, 263.780
Yxy	57.4737, 0.2496, 0.2689
Android (android.graphics.Color)	4288466175 (0xFF9CCCFF)
YUV	195.4620, 29.3522, -34.6082
Hunter-Lab	75.8114, -7.0593, -27.4182

Details

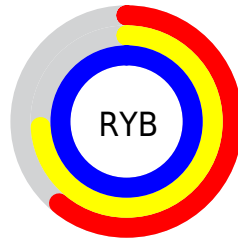
The Yxy color **57.4737, 0.2496, 0.2689** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.2523, 0.3891, 0.3819**, and the grayscale version is **54.6984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8861, 0.2877, 0.3289**, and **28.5992, 0.2342, 0.2542** is the 20% darker color. If you saturate the color by 10%, you get **49.2130, 0.2334, 0.2500**, and if you desaturate by 10%, it is **66.7947, 0.2663, 0.2866**.

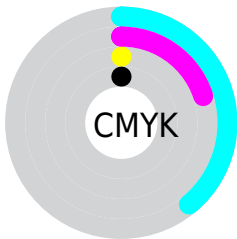
Distribution



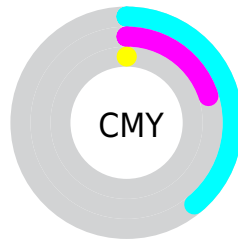
- Red (61%)
- Green (80%)
- Blue (100%)



- Red (61%)
- Yellow (74%)
- Blue (100%)



- Cyan (39%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.4737, 0.2496, 0.2689 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 57.4737, 0.2496, 0.2689 by changing the saturation by 10% instead.

■ 57.4737, 0.2496,
0.2689

■ 57.4737, 0.2496,
0.2689

415.2220, 0.2793,
0.2975

■ 41.3857, 0.2428,
0.2623

■ 101.1560, 0.2600,
0.2789

■ 28.6206, 0.2343,
0.2540

■ 129.5192, 0.2640,
0.2828

■ 18.7940, 0.2237,
0.2436

162.7428, 0.2674,
0.2861

■ 11.5215, 0.2098,
0.2299

201.2113, 0.2704,
0.2890

■ 6.4188, 0.1912,
0.2113

245.3090, 0.2730,
0.2915

■ 3.1013, 0.1652,
0.1851

295.4205, 0.2754,

■ 1.1849, 0.1275,

0.2937

0.1464

351.9300, 0.2774,
0.2957

0.0493, 0.0000,
0.0179

0.0000, 0.0000,
0.0000

57.4737, 0.2496,
0.2689

57.4737, 0.2496,
0.2689

49.2130, 0.2334,
0.2500

66.7947, 0.2663,
0.2866

41.9652, 0.2180,
0.2302

77.2185, 0.2828,
0.3027

35.6797, 0.2041,
0.2098

88.7857, 0.2990,
0.3174

30.2996, 0.1922,
0.1895

100.0000, 0.3127,
0.3290

■ 25.7597, 0.1827,
0.1700

■ 21.9709, 0.1756,
0.1516

■ 21.5698, 0.1749,
0.1495

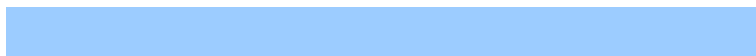
Harmonies

Analogous

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



57.4737, 0.2399, 0.2879



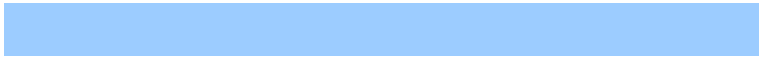
57.4737, 0.2496, 0.2689



57.4737, 0.2754, 0.2658

Triad

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



57.4737, 0.2496, 0.2689



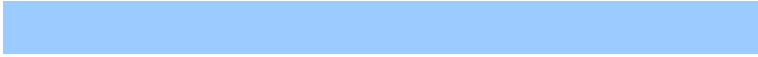
57.4737, 0.3817, 0.3312



57.4737, 0.3088, 0.3894

Complementary

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



57.4737, 0.2496, 0.2689



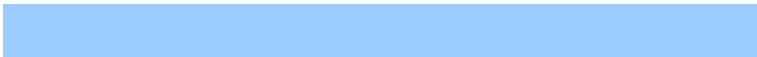
68.2523, 0.3891, 0.3819

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.



57.4737, 0.3476, 0.3998



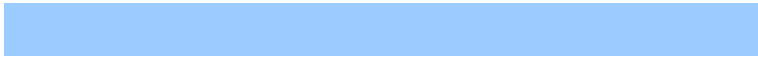
57.4737, 0.2496, 0.2689



57.4737, 0.3913, 0.3629

Square

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



57.4737, 0.2496, 0.2689



57.4737, 0.3522, 0.3007



57.4737, 0.3782, 0.3887



57.4737, 0.2726, 0.3591

Rectangle

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



57.4737, 0.2496, 0.2689



57.4737, 0.2995, 0.2720



57.4737, 0.3782, 0.3887



57.4737, 0.3220, 0.3954

Sweetspot

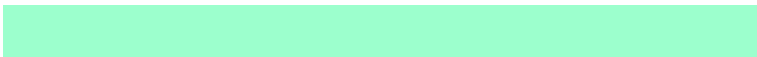
The Sweet Spot groups the original color and five complimentary colors.



57.4739, 0.2496, 0.2689



85.0100, 0.2939, 0.3129



83.0132, 0.2823, 0.3871



17.8684, 0.2918, 0.3110



0.0000, 0.0000, 0.0000



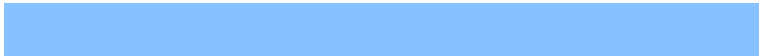
21.4041, 0.3127, 0.3290

Same Dimension

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



57.4739, 0.2496, 0.2689



50.6592, 0.2363, 0.2536



38.0414, 0.2406, 0.2098



18.8327, 0.2979, 0.3164



11.5669, 0.1757, 0.1525



1.3439, 0.1815, 0.1734

Inverse Universe

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



49.3791, 0.3623, 0.2795



42.4938, 0.3777, 0.2693



95.1785, 0.3712, 0.4257



18.1340, 0.3218, 0.3175



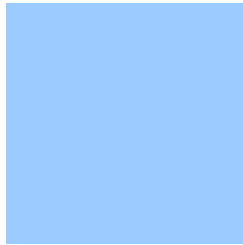
11.8956, 0.5027, 0.2543



1.1802, 0.4765, 0.2398

Previews

White Background



This preview shows how the Yxy color 57.4737, 0.2496, 0.2689 looks on a white background.

Color Contrast Check

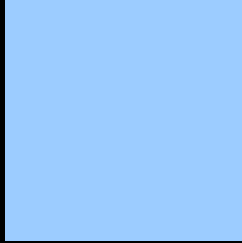
Large Text (above 18pt) WCAG AA × Fail

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 57.4737, 0.2496, 0.2689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

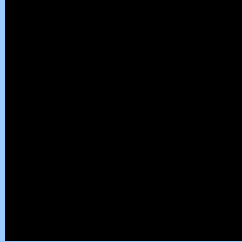
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

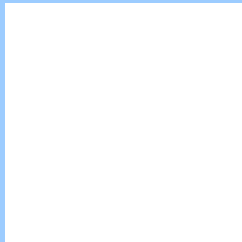
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4737, 0.2496, 0.2689

Background



This preview shows how black text looks on a background with the Yxy color 57.4737, 0.2496, 0.2689.



This preview shows how white text looks on a background with the Yxy color 57.4737, 0.2496, 0.2689.

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

57.4737, 0.2496, 0.2689

Protanopia

57.2737, 0.2695, 0.2686

Deuteranopia

57.3912, 0.2678, 0.2626



Tritanopia

57.4815, 0.2618, 0.3076

Trichromacy



Original Color

57.4737, 0.2496, 0.2689

Protanomaly

57.4508, 0.2617, 0.2690

Deuteranomaly

57.2970, 0.2606, 0.2648

Tritanomaly

57.4155, 0.2572, 0.2922

Monochromacy



Original Color

57.4737, 0.2496, 0.2689

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.2217, 0.2867, 0.3058

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4737, 0.2496, 0.2689 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(156, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 204, 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(156, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 204, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.4737, 0.2496, 0.2689 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(156, 204, 255) }
```

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

```
.border{ border-color:rgb(156, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(156, 204,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4737, 0.2496, 0.2689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 204, 255) }
```

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

```
.background{ background-color: rgb(156,  
204, 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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