

Converting Colors

$Yxy(57.6344, 0.2377, 0.2734)$

Have a look what the booklet for
Yxy(57.6344, 0.2377, 0.2734)
contains.

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Color

Yxy(57.5668, 0.2376, 0.2732)

Conversions

Conversions Part 1

Format	Color
Hex	82D1FF
RGB	130, 209, 255
RGB Percent	51%, 82%, 100%
CMY	0.4899, 0.1804, 0.0000
CMYK	0.49, 0.18, 0.00, 0.00
HSL	202°, 100%, 76%
HSV	202°, 49%, 100%
XYZ	50.0654, 57.5668, 103.0808
YIQ	190.6230, -61.8500, -2.4420

Conversions

Conversions Part 2

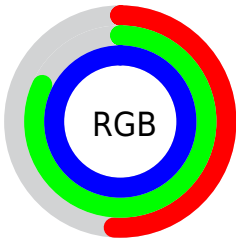
Format	Color
R _Y B	130, 178, 255
Decimal	8573439
CIE Lab	80.50, -12.13, -30.01
CIE LCh	80, 32.368, 247.984
Yxy	57.5668, 0.2376, 0.2732
Android (android.graphics.Color)	4286763519 (0xFF82D1FF)
YUV	190.6230, 31.7379, -53.1664
Hunter-Lab	75.8728, -14.9924, -27.4405

Details

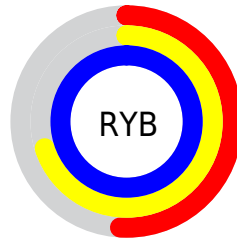
The Yxy color **57.5668, 0.2376, 0.2732** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **53.9614, 0.4249, 0.3770**, and the grayscale version is **51.7221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5588, 0.2747, 0.3289**, and **28.7851, 0.2198, 0.2597** is the 20% darker color. If you saturate the color by 10%, you get **51.3209, 0.2243, 0.2593**, and if you desaturate by 10%, it is **64.5882, 0.2521, 0.2864**.

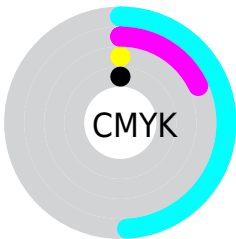
Distribution



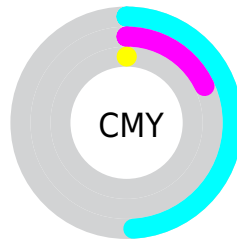
- Red (51%)
- Green (82%)
- Blue (100%)



- Red (51%)
- Yellow (70%)
- Blue (100%)



- Cyan (49%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5668, 0.2376, 0.2732 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 57.5668, 0.2376, 0.2732 by changing the saturation by 10% instead.

■ 57.5668, 0.2376,
0.2732

■ 57.5668, 0.2376,
0.2732

■ 415.5698, 0.2726,
0.3002

■ 41.4605, 0.2296,
0.2668

■ 101.2918, 0.2497,
0.2828

■ 28.6791, 0.2199,
0.2588

■ 129.6792, 0.2545,
0.2864

■ 18.8382, 0.2076,
0.2486

■ 162.9291, 0.2585,
0.2896

■ 11.5534, 0.1917,
0.2352

■ 201.4259, 0.2621,
0.2923

■ 6.4404, 0.1708,
0.2167

■ 245.5540, 0.2652,
0.2946

■ 3.1147, 0.1422,
0.1903

■ 295.6977, 0.2680,

■ 1.1919, 0.1023,

0.2967

0.1508

352.2415, 0.2704,
0.2986

0.0551, 0.0000,
0.0199

0.0000, 0.0000,
0.0000

57.5668, 0.2376,
0.2732

57.5668, 0.2376,
0.2732

51.3209, 0.2243,
0.2593

64.5882, 0.2521,
0.2864

45.8022, 0.2126,
0.2451

72.4171, 0.2674,
0.2988

40.9649, 0.2029,
0.2306

81.0910, 0.2830,
0.3102

36.7534, 0.1953,
0.2163

90.6424, 0.2988,
0.3205

■ 33.0877, 0.1897,
0.2024

100.0000, 0.3127,
0.3290

■ 32.7368, 0.1892,
0.2010

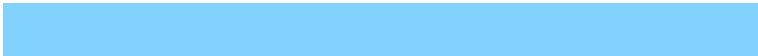
Harmonies

Analogous

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



57.5668, 0.2371, 0.3017



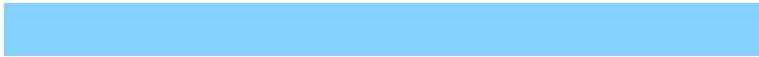
57.5668, 0.2376, 0.2732



57.5668, 0.2564, 0.2612

Triad

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



57.5668, 0.2376, 0.2732



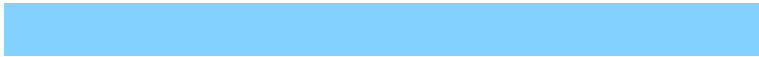
57.5668, 0.3722, 0.3134



57.5668, 0.3306, 0.4030

Complementary

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



57.5668, 0.2376, 0.2732



53.9614, 0.4249, 0.3770

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.



57.5668, 0.3690, 0.4011



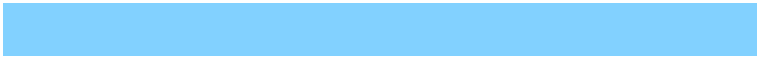
57.5668, 0.2376, 0.2732



57.5668, 0.3947, 0.3473

Square

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



57.5668, 0.2376, 0.2732



57.5668, 0.3331, 0.2844



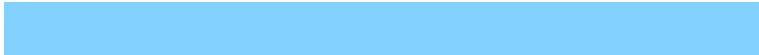
57.5668, 0.3931, 0.3794



57.5668, 0.2890, 0.3807

Rectangle

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



57.5668, 0.2376, 0.2732



57.5668, 0.2778, 0.2624



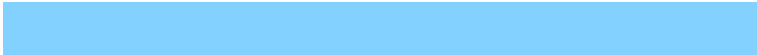
57.5668, 0.3931, 0.3794



57.5668, 0.3444, 0.4051

Sweetspot

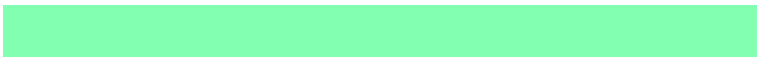
The Sweet Spot groups the original color and five complimentary colors.



57.5688, 0.2376, 0.2732



84.7917, 0.2893, 0.3144



79.4026, 0.2843, 0.4274



17.7263, 0.2860, 0.3122



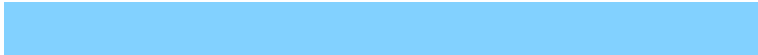
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



57.5688, 0.2376, 0.2732



51.3130, 0.2243, 0.2593



32.7591, 0.2224, 0.1934



19.2906, 0.2979, 0.3200



17.4008, 0.1898, 0.2033



1.9031, 0.1942, 0.2192

Inverse Universe

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



41.8507, 0.3620, 0.2494



35.4225, 0.3768, 0.2357



84.2239, 0.3924, 0.4351



18.1802, 0.3195, 0.3141



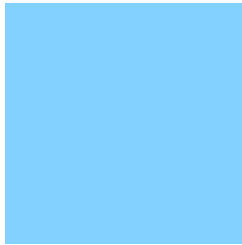
12.4846, 0.4415, 0.2206



1.2367, 0.4241, 0.2110

Previews

White Background



This preview shows how the Yxy color 57.5668, 0.2376, 0.2732 looks on a white background.

Color Contrast Check

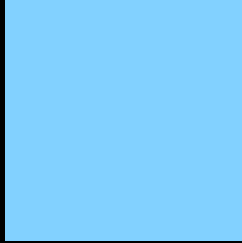
Large Text (above 18pt) WCAG AA × Fail

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 57.5668, 0.2376, 0.2732 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

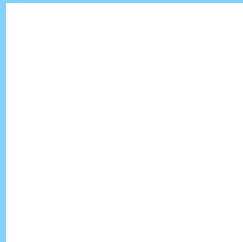
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.5668, 0.2376, 0.2732

Background



This preview shows how black text looks on a background with the Yxy color 57.5668, 0.2376, 0.2732.

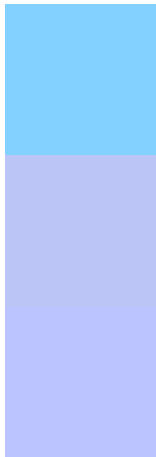


This preview shows how white text looks on a background with the Yxy color 57.5668, 0.2376, 0.2732.

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

57.5668, 0.2376, 0.2732

Protanopia

57.1511, 0.2726, 0.2729

Deuteranopia

57.2647, 0.2672, 0.2625



Tritanopia

57.4392, 0.2465, 0.3071

Trichromacy



Original Color

57.5668, 0.2376, 0.2732

Protanomaly

56.7198, 0.2580, 0.2725

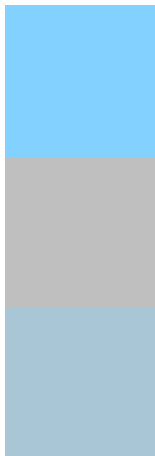
Deuteranomaly

57.1003, 0.2548, 0.2662

Tritanomaly

57.6789, 0.2433, 0.2950

Monochromacy



Original Color

57.5668, 0.2376, 0.2732

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.6782, 0.2802, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5668, 0.2376, 0.2732 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(130, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(130, 209, 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(130, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 209, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.5668, 0.2376, 0.2732 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(130, 209, 255) }
```

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

```
.border{ border-color:rgb(130, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(130, 209,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5668, 0.2376, 0.2732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 209, 255) }
```

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

```
.background{ background-color: rgb(130,  
209, 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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