

Converting Colors

$Yxy(57.3039, 0.2315, 0.2745)$

Have a look what the booklet for
Yxy(57.3039, 0.2315, 0.2745)
contains.

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Color

Yxy(57.4534, 0.2316, 0.2749)

Conversions

Conversions Part 1

Format	Color
Hex	73D3FF
RGB	115, 211, 255
RGB Percent	45%, 83%, 100%
CMY	0.5494, 0.1725, 0.0000
CMYK	0.55, 0.17, 0.00, 0.00
HSL	199°, 100%, 73%
HSV	199°, 55%, 100%
XYZ	48.4038, 57.4534, 103.1402
YIQ	187.3120, -71.3400, -6.6680

Conversions

Conversions Part 2

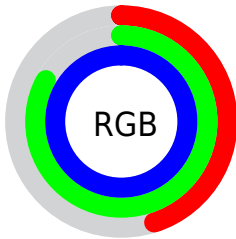
Format	Color
RYB	115, 172, 255
Decimal	7590911
CIELab	80.43, -16.38, -30.15
CIElCh	80, 34.315, 241.492
Yxy	57.4534, 0.2316, 0.2749
Android (android.graphics.Color)	4285780991 (0xFF73D3FF)
YUV	187.3120, 33.3702, -63.4176
Hunter-Lab	75.7980, -18.6583, -27.6188

Details

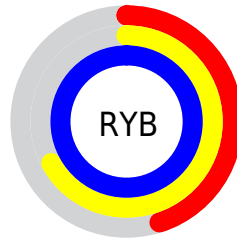
The Yxy color **57.4534, 0.2316, 0.2749** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **47.2505, 0.4490, 0.3742**, and the grayscale version is **49.7062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8540, 0.2676, 0.3289**, and **28.4585, 0.2125, 0.2601** is the 20% darker color. If you saturate the color by 10%, you get **52.0817, 0.2200, 0.2630**, and if you desaturate by 10%, it is **63.5052, 0.2447, 0.2863**.

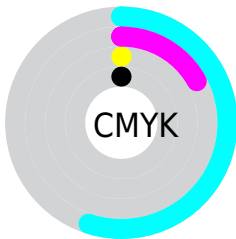
Distribution



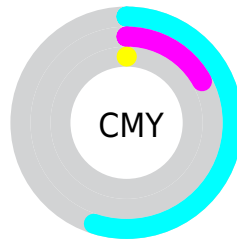
- Red (45%)
- Green (83%)
- Blue (100%)



- Red (45%)
- Yellow (67%)
- Blue (100%)



- Cyan (55%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)




- Cyan (55%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4534, 0.2316, 0.2749 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 57.4534, 0.2316, 0.2749 by changing the saturation by 10% instead.

 57.4534, 0.2316,
0.2749

 57.4534, 0.2316,
0.2749


415.1461, 0.2693,
0.3013


 41.3694, 0.2231,
0.2686


 101.1265, 0.2446,
0.2843

 28.6078, 0.2126,
0.2607


 129.4843, 0.2497,
0.2879

 18.7843, 0.1996,
0.2505


 162.7021, 0.2541,
0.2910

 11.5146, 0.1828,
0.2371

201.1645, 0.2579,
0.2936

 6.4141, 0.1608,
0.2185

245.2556, 0.2613,
0.2959

 3.0984, 0.1310,
0.1918

295.3600, 0.2642,

 1.1833, 0.0896,

0.2979

0.1519

351.8620, 0.2669,
0.2997

0.0480, 0.0000,
0.0173

0.0000, 0.0000,
0.0000

57.4534, 0.2316,
0.2749

57.4534, 0.2316,
0.2749

52.0817, 0.2200,
0.2630

63.5052, 0.2447,
0.2863

47.3404, 0.2103,
0.2509

70.2695, 0.2590,
0.2972

43.1816, 0.2026,
0.2388

77.7836, 0.2740,
0.3073

39.5442, 0.1970,
0.2269

86.0800, 0.2895,
0.3166

■ 37.8587, 0.1947,
0.2209

■ 95.1888, 0.3051,
0.3251

99.9996, 0.3127,
0.3290

Harmonies

Analogous

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



57.4534, 0.2354, 0.3083



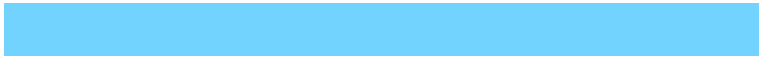
57.4534, 0.2316, 0.2749



57.4534, 0.2473, 0.2585

Triad

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



57.4534, 0.2316, 0.2749



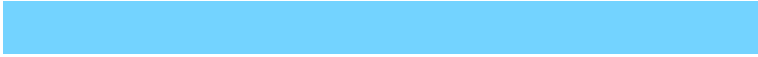
57.4534, 0.3679, 0.3051



57.4534, 0.3410, 0.4095

Complementary

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



57.4534, 0.2316, 0.2749



47.2505, 0.4490, 0.3742

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.



57.4534, 0.3795, 0.4018



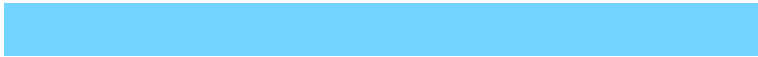
57.4534, 0.2316, 0.2749



57.4534, 0.3966, 0.3403

Square

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



57.4534, 0.2316, 0.2749



57.4534, 0.3243, 0.2765



57.4534, 0.4005, 0.3753



57.4534, 0.2967, 0.3912

Rectangle

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



57.4534, 0.2316, 0.2749



57.4534, 0.2676, 0.2575



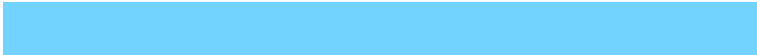
57.4534, 0.4005, 0.3753



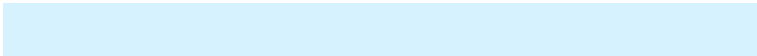
57.4534, 0.3551, 0.4097

Sweetspot

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



57.4555, 0.2316, 0.2749



85.1649, 0.2878, 0.3157



77.5868, 0.2864, 0.4544



17.8530, 0.2846, 0.3138



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.



57.4555, 0.2316, 0.2749



51.5514, 0.2189, 0.2617



30.4802, 0.2129, 0.1858



19.4630, 0.2980, 0.3214



20.0624, 0.1953, 0.2229



2.1492, 0.1990, 0.2364

Inverse Universe

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



38.2031, 0.3622, 0.2341



32.3001, 0.3765, 0.2199



77.4200, 0.4066, 0.4385



18.1976, 0.3186, 0.3128



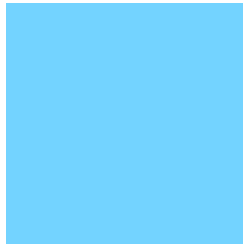
12.7533, 0.4202, 0.2088



1.2615, 0.4060, 0.2010

Previews

White Background



This preview shows how the Yxy color 57.4534, 0.2316, 0.2749 looks on a white background.

Color Contrast Check

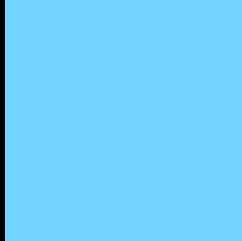
Large Text (above 18pt) WCAG AA × Fail

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 57.4534, 0.2316, 0.2749 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

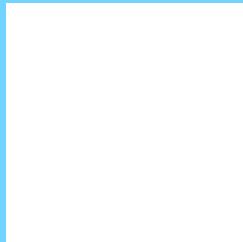
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4534, 0.2316, 0.2749

Background



This preview shows how black text looks on a background with the Yxy color 57.4534, 0.2316, 0.2749.

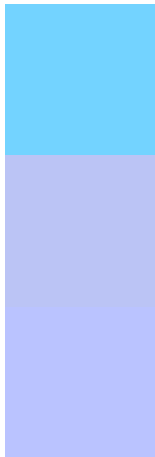


This preview shows how white text looks on a background with the Yxy color 57.4534, 0.2316, 0.2749.

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

57.4534, 0.2316, 0.2749

Protanopia

56.6372, 0.2731, 0.2727

Deuteranopia

56.6893, 0.2664, 0.2612



Tritanopia

57.4912, 0.2391, 0.3068

Trichromacy



Original Color

57.4534, 0.2316, 0.2749

Protanomaly

56.1899, 0.2550, 0.2720

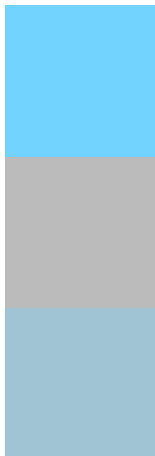
Deuteranomaly

56.4669, 0.2513, 0.2656

Tritanomaly

57.6356, 0.2365, 0.2958

Monochromacy



Original Color

57.4534, 0.2316, 0.2749

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

51.8104, 0.2758, 0.3084

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4534, 0.2316, 0.2749 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(115, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(115, 211, 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(115, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 211, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.4534, 0.2316, 0.2749 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(115, 211, 255) }
```

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

```
.border{ border-color:rgb(115, 211, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(115, 211,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4534, 0.2316, 0.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 211, 255) }
```

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

```
.background{ background-color: rgb(115,  
211, 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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