

Converting Colors

Yxy(54.8543, 0.2341, 0.2667)

Have a look what the booklet for
Yxy(54.8543, 0.2341, 0.2667)
contains.

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Color

Yxy(54.7657, 0.2341, 0.2665)

Conversions

Conversions Part 1

Format	Color
Hex	7DCCFF
RGB	125, 204, 255
RGB Percent	49%, 80%, 100%
CMY	0.5094, 0.2000, 0.0001
CMYK	0.51, 0.20, 0.00, 0.00
HSL	204°, 100%, 75%
HSV	204°, 51%, 100%
XYZ	48.1075, 54.7657, 102.6266
YIQ	186.1930, -63.4550, -0.8870

Conversions

Conversions Part 2

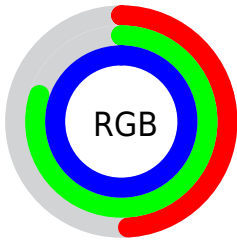
Format	Color
R _Y B	125, 174, 255
Decimal	8244479
CIE Lab	78.91, -10.61, -32.46
CIE LCh	79, 34.152, 251.902
Yxy	54.7657, 0.2341, 0.2665
Android (android.graphics.Color)	4286434559 (0xFF7DCCFF)
YUV	186.1930, 33.9219, -53.6663
Hunter-Lab	74.0039, -13.4697, -30.4191

Details

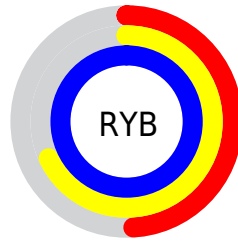
The Yxy color **54.7657, 0.2341, 0.2665** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **53.8239, 0.4291, 0.3819**, and the grayscale version is **49.0619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9303, 0.2721, 0.3289**, and **26.9467, 0.2153, 0.2507** is the 20% darker color. If you saturate the color by 10%, you get **48.4806, 0.2207, 0.2515**, and if you desaturate by 10%, it is **61.8532, 0.2487, 0.2808**.

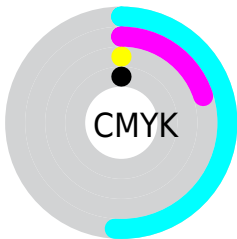
Distribution



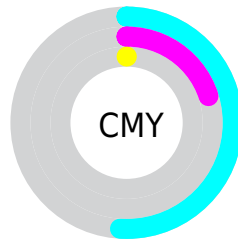
- Red (49%)
- Green (80%)
- Blue (100%)



- Red (49%)
- Yellow (68%)
- Blue (100%)



- Cyan (51%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7657, 0.2341, 0.2665 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 54.7657, 0.2341, 0.2665 by changing the saturation by 10% instead.


 54.7657, 0.2341,
0.2665


 54.7657, 0.2341,
0.2665


405.0232, 0.2710,
0.2968

 39.2142, 0.2257,
0.2593

 97.1976, 0.2469,
0.2772

 26.9264, 0.2153,
0.2504


 124.8467, 0.2519,
0.2813

 17.5179, 0.2023,
0.2390


 157.2972, 0.2562,
0.2848

 10.6045, 0.1855,
0.2240

194.9334, 0.2599,
0.2879

 5.8015, 0.1633,
0.2034

238.1397, 0.2632,
0.2905

 2.7248, 0.1331,
0.1744

287.3005, 0.2661,

 0.9898, 0.0904,

0.2929

0.1319

342.8002, 0.2687,
0.2949

0.0000, 0.0000,
0.0000

54.7657, 0.2341,
0.2665

54.7657, 0.2341,
0.2665

48.4806, 0.2207,
0.2515

61.8532, 0.2487,
0.2808

42.9478, 0.2090,
0.2362

69.7771, 0.2641,
0.2942

38.1192, 0.1993,
0.2208

78.5761, 0.2799,
0.3066

33.9358, 0.1918,
0.2056

88.2844, 0.2957,
0.3179

30.6223, 0.1867,
0.1922

98.9338, 0.3113,
0.3281

99.9988, 0.3127,
0.3290

Harmonies

Analogous

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



54.7657, 0.2310, 0.2946



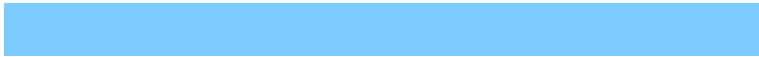
54.7657, 0.2341, 0.2665



54.7657, 0.2564, 0.2563

Triad

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



54.7657, 0.2341, 0.2665



54.7657, 0.3810, 0.3167



54.7657, 0.3258, 0.4071

Complementary

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



54.7657, 0.2341, 0.2665



53.8239, 0.4291, 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.



54.7657, 0.3681, 0.4080



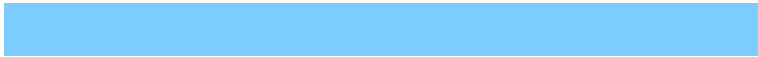
54.7657, 0.2341, 0.2665



54.7657, 0.4020, 0.3530

Square

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



54.7657, 0.2341, 0.2665



54.7657, 0.3405, 0.2849



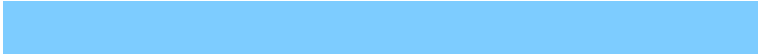
54.7657, 0.3967, 0.3865



54.7657, 0.2818, 0.3799

Rectangle

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



54.7657, 0.2341, 0.2665



54.7657, 0.2804, 0.2592



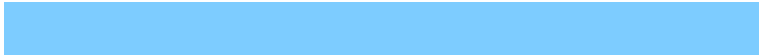
54.7657, 0.3967, 0.3865



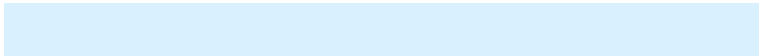
54.7657, 0.3407, 0.4104

Sweetspot

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



54.7677, 0.2341, 0.2665



84.2442, 0.2893, 0.3135



78.9662, 0.2825, 0.4293



17.5941, 0.2859, 0.3111



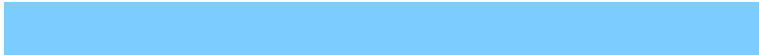
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



54.7677, 0.2341, 0.2665



48.4526, 0.2207, 0.2514



30.4150, 0.2179, 0.1844



19.2141, 0.2979, 0.3194



16.3026, 0.1874, 0.1947



1.8003, 0.1921, 0.2116

Inverse Universe

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



40.3072, 0.3682, 0.2495



34.1613, 0.3844, 0.2367



84.9588, 0.3944, 0.4406



18.1725, 0.3199, 0.3147



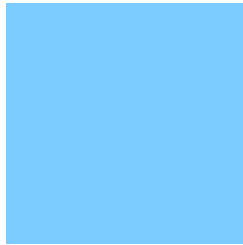
12.3737, 0.4514, 0.2260



1.2263, 0.4324, 0.2156

Previews

White Background



This preview shows how the Yxy color 54.7657, 0.2341, 0.2665 looks on a white background.

Color Contrast Check

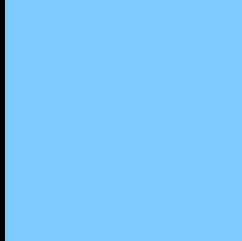
Large Text (above 18pt) WCAG AA × Fail

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 54.7657, 0.2341, 0.2665 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

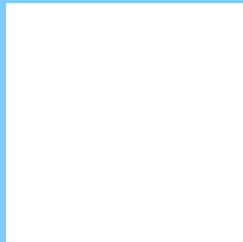
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7657, 0.2341, 0.2665

Background



This preview shows how black text looks on a background with the Yxy color 54.7657, 0.2341, 0.2665.



This preview shows how white text looks on a background with the Yxy color 54.7657, 0.2341, 0.2665.

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

54.7657, 0.2341, 0.2665

Protanopia

54.1769, 0.2680, 0.2662

Deuteranopia

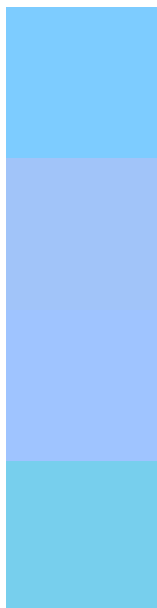
54.5030, 0.2615, 0.2569



Tritanopia

54.7368, 0.2442, 0.3066

Trichromacy



Original Color

54.7657, 0.2341, 0.2665

Protanomaly

53.8965, 0.2542, 0.2658

Deuteranomaly

54.0708, 0.2499, 0.2594

Tritanomaly

54.6620, 0.2403, 0.2905

Monochromacy



Original Color

54.7657, 0.2341, 0.2665

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.7356, 0.2782, 0.3059

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7657, 0.2341, 0.2665 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(125, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(125, 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(125, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 204, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.7657, 0.2341, 0.2665 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(125, 204, 255) }
```

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

```
.border{ border-color:rgb(125, 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(125, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(125, 204,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7657, 0.2341, 0.2665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 204, 255) }
```

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

```
.background{ background-color: rgb(125,  
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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