

Converting Colors

$Yxy(54.3934, 0.2292, 0.2670)$

Have a look what the booklet for
Yxy(54.3934, 0.2292, 0.2670)
contains.

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Color

Yxy(54.3934, 0.2292, 0.2670)

Conversions

Conversions Part 1

Format	Color
Hex	71CDFF
RGB	113, 205, 255
RGB Percent	44%, 80%, 100%
CMY	0.5567, 0.1961, 0.0000
CMYK	0.56, 0.20, 0.00, 0.00
HSL	201°, 100%, 72%
HSV	201°, 56%, 100%
XYZ	46.6928, 54.3934, 102.6344
YIQ	183.1920, -70.8820, -3.9540

Conversions

Conversions Part 2

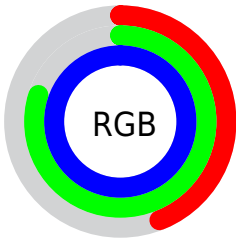
Format	Color
RYB	113, 169, 255
Decimal	7458303
CIELab	78.69, -13.62, -32.84
CIELCh	79, 35.553, 247.467
Yxy	54.3934, 0.2292, 0.2670
Android (android.graphics.Color)	4285648383 (0xFF71CDFF)
YUV	183.1920, 35.4013, -61.5584
Hunter-Lab	73.7519, -16.0564, -30.8827

Details

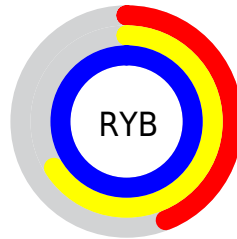
The Yxy color **54.3934, 0.2292, 0.2670** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **48.6547, 0.4479, 0.3802**, and the grayscale version is **47.3017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6242, 0.2666, 0.3289**, and **26.7459, 0.2095, 0.2512** is the 20% darker color. If you saturate the color by 10%, you get **48.7609, 0.2172, 0.2535**, and if you desaturate by 10%, it is **60.7515, 0.2427, 0.2800**.

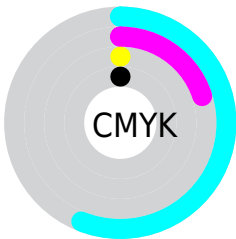
Distribution



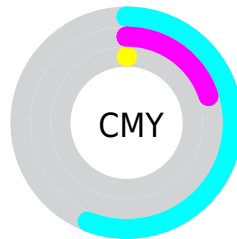
- Red (44%)
- Green (80%)
- Blue (100%)



- Red (44%)
- Yellow (66%)
- Blue (100%)



- Cyan (56%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3934, 0.2292, 0.2670 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 54.3934, 0.2292, 0.2670 by changing the saturation by 10% instead.

 54.3934, 0.2292,
0.2670


 54.3934, 0.2292,
0.2670


403.6084, 0.2683,
0.2973

 38.9163, 0.2203,
0.2598

 96.6516, 0.2428,
0.2777

 26.6946, 0.2094,
0.2508


 124.2015, 0.2480,
0.2819

 17.3440, 0.1957,
0.2393


 156.5444, 0.2526,
0.2854

 10.4800, 0.1781,
0.2240

194.0648, 0.2565,
0.2884

 5.7184, 0.1550,
0.2032

237.1469, 0.2600,
0.2910

 2.6746, 0.1239,
0.1736

286.1753, 0.2631,

 0.9643, 0.0788,

0.2934

0.1306

341.5344, 0.2658,
0.2954

0.0000, 0.0000,
0.0000

54.3934, 0.2292,
0.2670

54.3934, 0.2292,
0.2670

48.7609, 0.2172,
0.2535

60.7515, 0.2427,
0.2800

43.8030, 0.2070,
0.2398

67.8693, 0.2573,
0.2923

39.4697, 0.1989,
0.2261

75.7854, 0.2726,
0.3038

35.6974, 0.1929,
0.2127

84.5337, 0.2883,
0.3144

34.1993, 0.1908,
0.2069

94.1456, 0.3039,
0.3240

99.9992, 0.3127,
0.3290

Harmonies

Analogous

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



54.3934, 0.2290, 0.2987



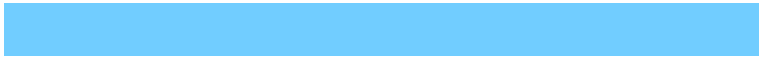
54.3934, 0.2292, 0.2670



54.3934, 0.2495, 0.2538

Triad

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



54.3934, 0.2292, 0.2670



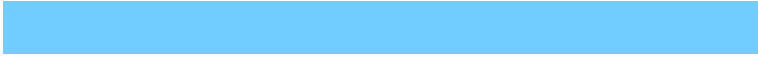
54.3934, 0.3787, 0.3108



54.3934, 0.3331, 0.4126

Complementary

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



54.3934, 0.2292, 0.2670



48.6547, 0.4479, 0.3802

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.



54.3934, 0.3759, 0.4093



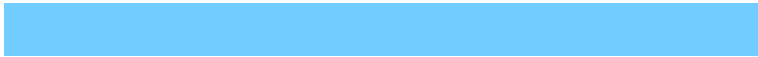
54.3934, 0.2292, 0.2670



54.3934, 0.4044, 0.3481

Square

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



54.3934, 0.2292, 0.2670



54.3934, 0.3345, 0.2790



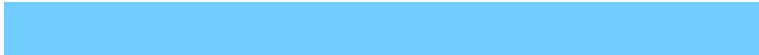
54.3934, 0.4028, 0.3840



54.3934, 0.2867, 0.3880

Rectangle

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



54.3934, 0.2292, 0.2670



54.3934, 0.2729, 0.2551



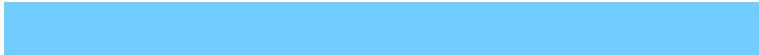
54.3934, 0.4028, 0.3840



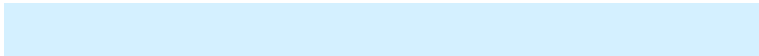
54.3934, 0.3484, 0.4146

Sweetspot

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



54.3954, 0.2292, 0.2670



83.3289, 0.2862, 0.3130



77.6599, 0.2829, 0.4470



17.4499, 0.2830, 0.3110



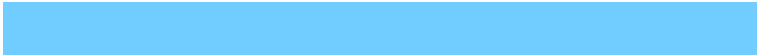
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



54.3954, 0.2292, 0.2670



48.0680, 0.2157, 0.2517



27.8745, 0.2096, 0.1747



19.3417, 0.2980, 0.3204



18.1631, 0.1914, 0.2091



1.9741, 0.1957, 0.2243

Inverse Universe

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



37.4845, 0.3691, 0.2379



31.5566, 0.3859, 0.2245



81.1233, 0.4039, 0.4455



18.1854, 0.3192, 0.3137



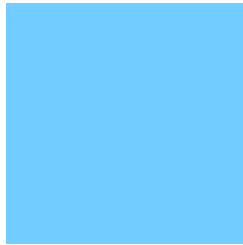
12.5615, 0.4351, 0.2170



1.2438, 0.4186, 0.2080

Previews

White Background



This preview shows how the Yxy color 54.3934, 0.2292, 0.2670 looks on a white background.

Color Contrast Check

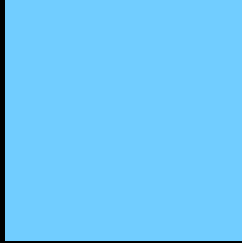
Large Text (above 18pt) WCAG AA × Fail

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 54.3934, 0.2292, 0.2670 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

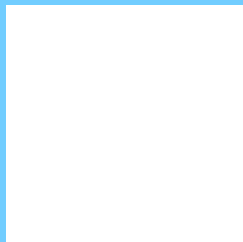
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3934, 0.2292, 0.2670

Background



This preview shows how black text looks on a background with the Yxy color 54.3934, 0.2292, 0.2670.



This preview shows how white text looks on a background with the Yxy color 54.3934, 0.2292, 0.2670.

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

54.3934, 0.2292, 0.2670

Protanopia

53.9951, 0.2680, 0.2672

Deuteranopia

53.9466, 0.2607, 0.2555



Tritanopia

54.4640, 0.2384, 0.3063

Trichromacy



Original Color

54.3934, 0.2292, 0.2670

Protanomaly

53.8400, 0.2514, 0.2666

Deuteranomaly

53.5699, 0.2470, 0.2589

Tritanomaly

54.2903, 0.2349, 0.2913

Monochromacy



Original Color

54.3934, 0.2292, 0.2670

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

49.1342, 0.2750, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3934, 0.2292, 0.2670 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(113, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(113, 205, 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(113, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 205, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.3934, 0.2292, 0.2670 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(113, 205, 255) }
```

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

```
.border{ border-color:rgb(113, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(113, 205,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3934, 0.2292, 0.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 205, 255) }
```

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

```
.background{ background-color: rgb(113,  
205, 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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