

Converting Colors

$Yxy(54.7913, 0.2355, 0.2780)$

Have a look what the booklet for
Yxy(54.7913, 0.2355, 0.2780)
contains.

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Color

Yxy(54.7800, 0.2354, 0.2776)

Conversions

Conversions Part 1

Format	Color
Hex	77CEF7
RGB	119, 206, 247
RGB Percent	47%, 81%, 97%
CMY	0.5338, 0.1921, 0.0315
CMYK	0.52, 0.17, 0.00, 0.03
HSL	199°, 89%, 72%
HSV	199°, 52%, 97%
XYZ	46.4525, 54.7800, 96.1018
YIQ	184.6610, -65.0130, -5.6930

Conversions

Conversions Part 2

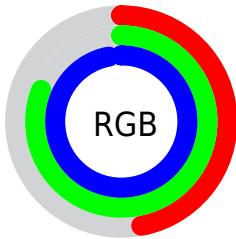
Format	Color
R _Y B	119, 171, 247
Decimal	7851767
CIE Lab	78.91, -15.27, -28.20
CIE LCh	79, 32.068, 241.570
Yxy	54.7800, 0.2354, 0.2776
Android (android.graphics.Color)	4286041847 (0xFF77CEF7)
YUV	184.6610, 30.7331, -57.5847
Hunter-Lab	74.0135, -17.4932, -25.1748

Details

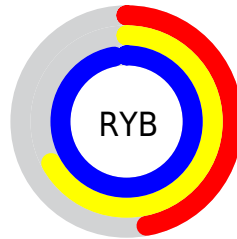
The Yxy color **54.7800, 0.2354, 0.2776** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **46.1855, 0.4377, 0.3728**, and the grayscale version is **48.1575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2050, 0.2691, 0.3289**, and **27.0588, 0.2169, 0.2636** is the 20% darker color. If you saturate the color by 10%, you get **49.5501, 0.2232, 0.2656**, and if you desaturate by 10%, it is **60.6588, 0.2490, 0.2891**.

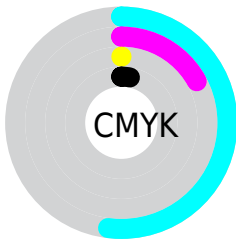
Distribution



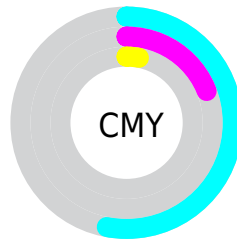
- Red (47%)
- Green (81%)
- Blue (97%)



- Red (47%)
- Yellow (67%)
- Blue (97%)



- Cyan (52%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)



- Cyan (53%)
- Magenta (19%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7800, 0.2354, 0.2776 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 54.7800, 0.2354, 0.2776 by changing the saturation by 10% instead.

■ 54.7800, 0.2354,
0.2776

■ 54.7800, 0.2354,
0.2776

405.0774, 0.2717,
0.3029

■ 39.2256, 0.2271,
0.2715

■ 97.2185, 0.2480,
0.2867

■ 26.9353, 0.2168,
0.2638

■ 124.8715, 0.2529,
0.2901

■ 17.5246, 0.2039,
0.2538

■ 157.3261, 0.2572,
0.2931

■ 10.6092, 0.1871,
0.2405

194.9667, 0.2608,
0.2956

■ 5.8047, 0.1648,
0.2219

238.1778, 0.2641,
0.2978

■ 2.7267, 0.1342,
0.1946

287.3436, 0.2669,

■ 0.9908, 0.0875,

0.2997

0.1534

342.8487, 0.2694,
0.3014

0.0000, 0.0000,
0.0000

54.7800, 0.2354,
0.2776

54.7800, 0.2354,
0.2776

49.5501, 0.2232,
0.2656

60.6588, 0.2490,
0.2891

44.9243, 0.2128,
0.2533

67.2151, 0.2635,
0.2999

40.8603, 0.2044,
0.2410

74.4830, 0.2788,
0.3100

37.3054, 0.1980,
0.2288

82.4918, 0.2943,
0.3192

34.7241, 0.1942,
0.2190

91.2692, 0.3098,
0.3275

98.4790, 0.3175,
0.3352

99.4940, 0.3174,
0.3367

Harmonies

Analogous

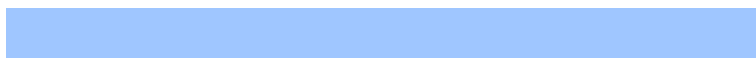
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.7800, 0.2390, 0.3094



54.7800, 0.2354, 0.2776



54.7800, 0.2505, 0.2619

Triad

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



54.7800, 0.2354, 0.2776



54.7800, 0.3652, 0.3064



54.7800, 0.3397, 0.4052

Complementary

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



54.7800, 0.2354, 0.2776



46.1855, 0.4377, 0.3728

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.



54.7800, 0.3762, 0.3983



54.7800, 0.2354, 0.2776



54.7800, 0.3924, 0.3400

Square

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



54.7800, 0.2354, 0.2776



54.7800, 0.3239, 0.2790



54.7800, 0.3961, 0.3734



54.7800, 0.2975, 0.3878

Rectangle

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



54.7800, 0.2354, 0.2776



54.7800, 0.2699, 0.2608



54.7800, 0.3961, 0.3734



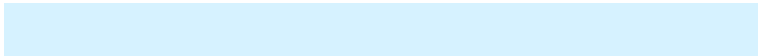
54.7800, 0.3530, 0.4055

Sweetspot

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



54.7820, 0.2354, 0.2776



85.0239, 0.2878, 0.3154



72.9405, 0.2863, 0.4429



17.8192, 0.2846, 0.3135



0.0000, 0.0000, 0.0000



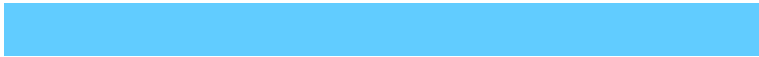
21.4041, 0.3127, 0.3290

Same Dimension

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



54.7820, 0.2354, 0.2776



53.1567, 0.2230, 0.2653



30.0842, 0.2184, 0.1926



17.8121, 0.2980, 0.3213



18.6358, 0.1947, 0.2210



1.8229, 0.1989, 0.2361

Inverse Universe

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



37.3941, 0.3591, 0.2395



34.1723, 0.3723, 0.2253



74.1391, 0.4000, 0.4349



16.6729, 0.3187, 0.3130



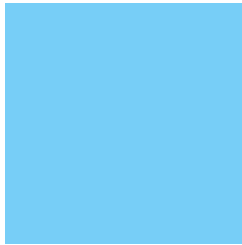
11.9807, 0.4222, 0.2099



1.0717, 0.4063, 0.2012

Previews

White Background



This preview shows how the Yxy color 54.7800, 0.2354, 0.2776 looks on a white background.

Color Contrast Check

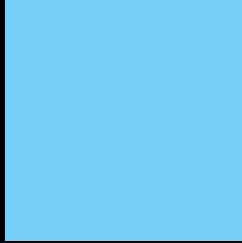
Large Text (above 18pt) WCAG AA × Fail

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 54.7800, 0.2354, 0.2776 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

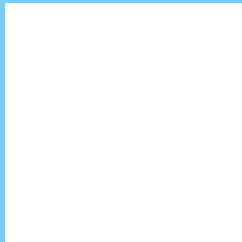
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7800, 0.2354, 0.2776

Background



This preview shows how black text looks on a background with the Yxy color 54.7800, 0.2354, 0.2776.



This preview shows how white text looks on a background with the Yxy color 54.7800, 0.2354, 0.2776.

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

54.7800, 0.2354, 0.2776

Protanopia

54.0040, 0.2756, 0.2761

Deuteranopia

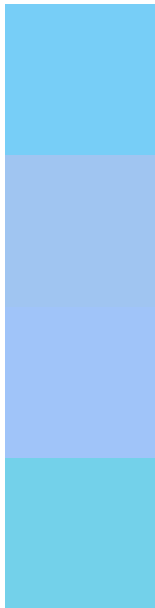
54.3541, 0.2676, 0.2613



Tritanopia

55.0289, 0.2431, 0.3078

Trichromacy



Original Color

54.7800, 0.2354, 0.2776

Protanomaly

53.7570, 0.2581, 0.2756

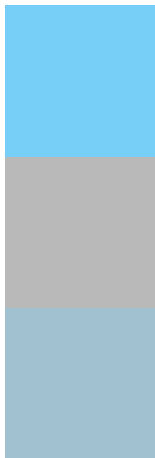
Deuteranomaly

53.7930, 0.2536, 0.2657

Tritanomaly

55.1863, 0.2404, 0.2966

Monochromacy



Original Color

54.7800, 0.2354, 0.2776

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

50.2711, 0.2780, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7800, 0.2354, 0.2776 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(119, 206, 247)` looks like.

```
.text, #text, p{  
    color:rgb(119, 206, 247)  
}
```

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(119, 206, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 206, 247) }
```

Border

The CSS property to change the border of an element to Yxy 54.7800, 0.2354, 0.2776 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(119, 206, 247) }
```

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

```
.border{ border-color:rgb(119, 206, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 206, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 206, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 206, 247);  
box-shadow:4px 4px 4px 4px rgb(119, 206,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7800, 0.2354, 0.2776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 206, 247) }
```

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

```
.background{ background-color: rgb(119,  
206, 247) }
```

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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