

Converting Colors

$Y_{xy}(54.0420, 0.2314, 0.2764)$

Have a look what the booklet for
Yxy(54.0420, 0.2314, 0.2764)
contains.

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Color

Yxy(54.1730, 0.2316, 0.2771)

Conversions

Conversions Part 1

Format	Color
Hex	6ECEF7
RGB	110, 206, 247
RGB Percent	43%, 81%, 97%
CMY	0.5690, 0.1921, 0.0314
CMYK	0.56, 0.17, 0.00, 0.03
HSL	198°, 90%, 70%
HSV	198°, 56%, 97%
XYZ	45.2778, 54.1730, 96.0491
YIQ	181.9700, -70.3770, -7.6010

Conversions

Conversions Part 2

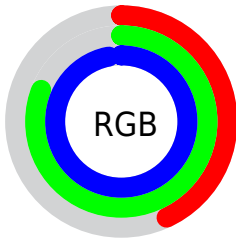
Format	Color
RYB	110, 166, 247
Decimal	7261943
CIELab	78.56, -17.10, -28.77
CIELCh	79, 33.470, 239.278
Yxy	54.1730, 0.2316, 0.2771
Android (android.graphics.Color)	4285452023 (0xFF6ECE7)
YUV	181.9700, 32.0598, -63.1177
Hunter-Lab	73.6023, -18.9966, -25.8503

Details

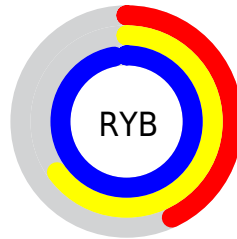
The Yxy color **54.1730, 0.2316, 0.2771** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **42.9824, 0.4522, 0.3723**, and the grayscale version is **46.6007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2860, 0.2652, 0.3289**, and **26.6895, 0.2122, 0.2628** is the 20% darker color. If you saturate the color by 10%, you get **49.3364, 0.2203, 0.2659**, and if you desaturate by 10%, it is **59.6217, 0.2444, 0.2880**.

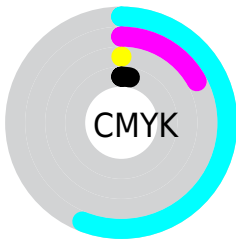
Distribution



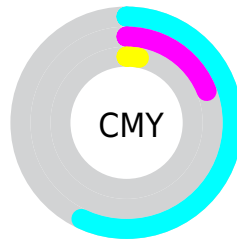
- Red (43%)
- Green (81%)
- Blue (97%)



- Red (43%)
- Yellow (65%)
- Blue (97%)



- Cyan (56%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)



- Cyan (57%)
- Magenta (19%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1730, 0.2316, 0.2771 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 54.1730, 0.2316, 0.2771 by changing the saturation by 10% instead.

■ 54.1730, 0.2316,
0.2771

■ 54.1730, 0.2316,
0.2771

402.7694, 0.2697,
0.3028

■ 38.7400, 0.2229,
0.2709

■ 96.3282, 0.2448,
0.2863

■ 26.5575, 0.2122,
0.2630

■ 123.8192, 0.2500,
0.2898

■ 17.2412, 0.1986,
0.2528

■ 156.0983, 0.2544,
0.2928

■ 10.4066, 0.1812,
0.2391

193.5499, 0.2583,
0.2954

■ 5.6694, 0.1581,
0.2200

236.5584, 0.2616,
0.2976

■ 2.6451, 0.1266,
0.1920

285.5083, 0.2646,

■ 0.9494, 0.0764,

0.2996

0.1500

340.7838, 0.2673,
0.3013

0.0000, 0.0000,
0.0000

54.1730, 0.2316,
0.2771

54.1730, 0.2316,
0.2771

49.3364, 0.2203,
0.2659

59.6217, 0.2444,
0.2880

45.0658, 0.2109,
0.2544

65.7121, 0.2585,
0.2983

41.3170, 0.2036,
0.2429


72.4785, 0.2733,
0.3079

38.0333, 0.1982,
0.2316

79.9508, 0.2887,
0.3168

36.6710, 0.1963,
0.2266

88.1566, 0.3042,
0.3249

 96.5317, 0.3177,
0.3322

 99.4942, 0.3174,
0.3367

Harmonies

Analogous

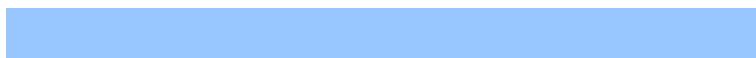
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.1730, 0.2368, 0.3114



54.1730, 0.2316, 0.2771



54.1730, 0.2459, 0.2595

Triad

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



54.1730, 0.2316, 0.2771



54.1730, 0.3648, 0.3029



54.1730, 0.3441, 0.4093

Complementary

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



54.1730, 0.2316, 0.2771



42.9824, 0.4522, 0.3723

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.



54.1730, 0.3814, 0.4000



54.1730, 0.2316, 0.2771



54.1730, 0.3948, 0.3376

Square

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



54.1730, 0.2316, 0.2771



54.1730, 0.3209, 0.2751



54.1730, 0.4007, 0.3727



54.1730, 0.2999, 0.3931

Rectangle

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



54.1730, 0.2316, 0.2771



54.1730, 0.2653, 0.2576



54.1730, 0.4007, 0.3727



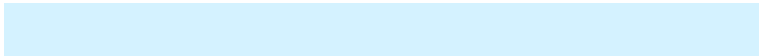
54.1730, 0.3579, 0.4089

Sweetspot

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



54.1750, 0.2316, 0.2771



84.6972, 0.2863, 0.3155



71.9798, 0.2873, 0.4588



17.7744, 0.2832, 0.3137



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.



54.1750, 0.2316, 0.2771



52.2733, 0.2187, 0.2640



28.6623, 0.2126, 0.1874



17.8728, 0.2980, 0.3218



19.6575, 0.1968, 0.2285



1.9067, 0.2007, 0.2426

Inverse Universe

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



35.3580, 0.3605, 0.2315



31.9811, 0.3746, 0.2166



70.6643, 0.4087, 0.4373



16.6790, 0.3184, 0.3125



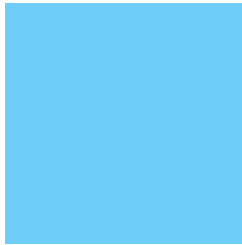
12.0838, 0.4142, 0.2055



1.0801, 0.3997, 0.1975

Previews

White Background



This preview shows how the Yxy color 54.1730, 0.2316, 0.2771 looks on a white background.

Color Contrast Check

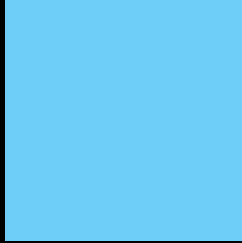
Large Text (above 18pt) WCAG AA × Fail

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 54.1730, 0.2316, 0.2771 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

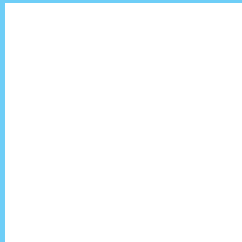
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1730, 0.2316, 0.2771

Background



This preview shows how black text looks on a background with the Yxy color 54.1730, 0.2316, 0.2771.



This preview shows how white text looks on a background with the Yxy color 54.1730, 0.2316, 0.2771.

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

54.1730, 0.2316, 0.2771

Protanopia

53.4433, 0.2748, 0.2748

Deuteranopia

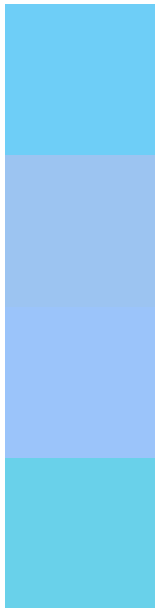
53.6157, 0.2648, 0.2587



Tritanopia

54.4090, 0.2389, 0.3076

Trichromacy



Original Color

54.1730, 0.2316, 0.2771

Protanomaly

52.8986, 0.2555, 0.2740

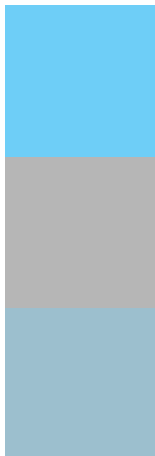
Deuteranomaly

53.3505, 0.2501, 0.2642

Tritanomaly

54.5447, 0.2362, 0.2963

Monochromacy



Original Color

54.1730, 0.2316, 0.2771

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

48.7858, 0.2756, 0.3092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1730, 0.2316, 0.2771 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(110, 206, 247)` looks like.

```
.text, #text, p{  
    color:rgb(110, 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(110, 206, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 206, 247) }
```

Border

The CSS property to change the border of an element to Yxy 54.1730, 0.2316, 0.2771 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(110, 206, 247) }
```

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

```
.border{ border-color:rgb(110, 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(110, 206, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 206, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 206, 247);  
box-shadow:4px 4px 4px 4px rgb(110, 206,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1730, 0.2316, 0.2771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 206, 247) }
```

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

```
.background{ background-color: rgb(110,  
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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