

Converting Colors

$Yxy(54.0601, 0.2356, 0.2736)$

Have a look what the booklet for
Yxy(54.0601, 0.2356, 0.2736)
contains.

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Color

Yxy(54.1006, 0.2358, 0.2740)

Conversions

Conversions Part 1

Format	Color
Hex	7ACCF8
RGB	122, 204, 248
RGB Percent	48%, 80%, 97%
CMY	0.5217, 0.2000, 0.0275
CMYK	0.51, 0.18, 0.00, 0.03
HSL	201°, 90%, 73%
HSV	201°, 51%, 97%
XYZ	46.5581, 54.1006, 96.7887
YIQ	184.4980, -62.9960, -3.7000

Conversions

Conversions Part 2

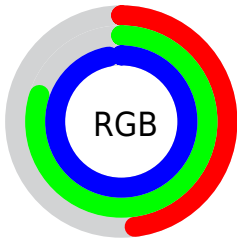
Format	Color
R _Y B	122, 172, 248
Decimal	8047864
CIE Lab	78.52, -13.27, -29.34
CIE LCh	79, 32.198, 245.660
Yxy	54.1006, 0.2358, 0.2740
Android (android.graphics.Color)	4286237944 (0xFF7ACCF8)
YUV	184.4980, 31.3065, -54.8107
Hunter-Lab	73.5531, -15.7299, -26.5327

Details

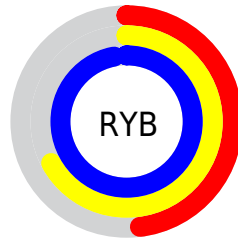
The Yxy color **54.1006, 0.2358, 0.2740** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **48.6181, 0.4319, 0.3760**, and the grayscale version is **48.0701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5638, 0.2706, 0.3289**, and **26.5349, 0.2175, 0.2603** is the 20% darker color. If you saturate the color by 10%, you get **48.5165, 0.2231, 0.2609**, and if you desaturate by 10%, it is **60.3792, 0.2499, 0.2866**.

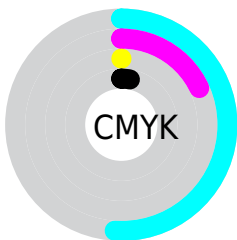
Distribution



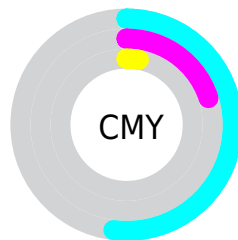
- Red (48%)
- Green (80%)
- Blue (97%)



- Red (48%)
- Yellow (67%)
- Blue (97%)



- Cyan (51%)
- Magenta (18%)
- Yellow (0%)
- Black (3%)





- Cyan (52%)
- Magenta (20%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1006, 0.2358, 0.2740 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 54.1006, 0.2358, 0.2740 by changing the saturation by 10% instead.


 54.1006, 0.2358,
0.2740


 54.1006, 0.2358,
0.2740


402.4935, 0.2720,
0.3010


 38.6821, 0.2275,
0.2675

 96.2219, 0.2484,
0.2836

 26.5125, 0.2172,
0.2594


 123.6936, 0.2533,
0.2873

 17.2074, 0.2043,
0.2489


 155.9517, 0.2575,
0.2904

 10.3825, 0.1875,
0.2349

193.3807, 0.2612,
0.2931

 5.6533, 0.1652,
0.2154

236.3650, 0.2644,
0.2955

 2.6354, 0.1345,
0.1872

285.2890, 0.2672,

 0.9445, 0.0879,

0.2975

0.1450

340.5370, 0.2697,
0.2994

0.0000, 0.0000,
0.0000

54.1006, 0.2358,
0.2740

54.1006, 0.2358,
0.2740

48.5165, 0.2231,
0.2609

60.3792, 0.2499,
0.2866

43.5814, 0.2120,
0.2474

67.3818, 0.2648,
0.2984

39.2522, 0.2029,
0.2338

75.1434, 0.2803,
0.3093

35.4759, 0.1959,
0.2203

83.6942, 0.2959,
0.3193

32.4186, 0.1912,
0.2083

93.0627, 0.3115,
0.3283

99.5569, 0.3168,
0.3357

Harmonies

Analogous

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



54.1006, 0.2368, 0.3040



54.1006, 0.2358, 0.2740



54.1006, 0.2535, 0.2605

Triad

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



54.1006, 0.2358, 0.2740



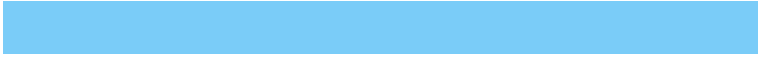
54.1006, 0.3705, 0.3106



54.1006, 0.3341, 0.4050

Complementary

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



54.1006, 0.2358, 0.2740



48.6181, 0.4319, 0.3760

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.



54.1006, 0.3724, 0.4011



54.1006, 0.2358, 0.2740



54.1006, 0.3950, 0.3448

Square

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



54.1006, 0.2358, 0.2740



54.1006, 0.3300, 0.2818



54.1006, 0.3954, 0.3778



54.1006, 0.2918, 0.3841

Rectangle

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



54.1006, 0.2358, 0.2740



54.1006, 0.2744, 0.2610



54.1006, 0.3954, 0.3778



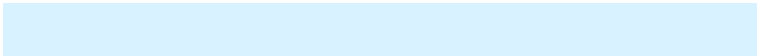
54.1006, 0.3479, 0.4064

Sweetspot

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



54.1026, 0.2358, 0.2740



85.2291, 0.2893, 0.3152



73.9460, 0.2856, 0.4374



17.8319, 0.2860, 0.3131



0.0000, 0.0000, 0.0000



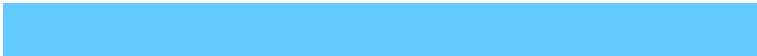
21.4041, 0.3127, 0.3290

Same Dimension

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



54.1026, 0.2358, 0.2740



51.5350, 0.2227, 0.2605



30.5516, 0.2199, 0.1931



18.5291, 0.2980, 0.3205



17.7865, 0.1918, 0.2104



1.8458, 0.1962, 0.2261

Inverse Universe

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



38.2286, 0.3618, 0.2445



34.4725, 0.3763, 0.2306



76.2926, 0.3972, 0.4349



17.4156, 0.3192, 0.3137



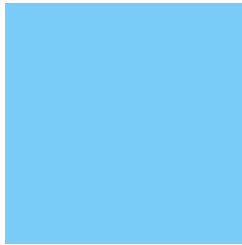
12.2065, 0.4337, 0.2163



1.1506, 0.4167, 0.2069

Previews

White Background



This preview shows how the Yxy color 54.1006, 0.2358, 0.2740 looks on a white background.

Color Contrast Check

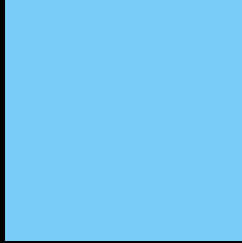
Large Text (above 18pt) WCAG AA × Fail

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 54.1006, 0.2358, 0.2740 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

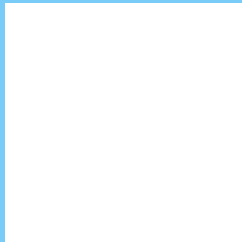
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1006, 0.2358, 0.2740

Background



This preview shows how black text looks on a background with the Yxy color 54.1006, 0.2358, 0.2740.



This preview shows how white text looks on a background with the Yxy color 54.1006, 0.2358, 0.2740.

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

54.1006, 0.2358, 0.2740

Protanopia

53.4387, 0.2728, 0.2725

Deuteranopia

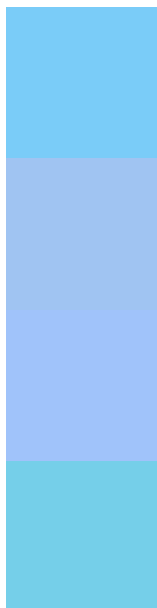
53.6157, 0.2648, 0.2587



Tritanopia

54.1254, 0.2439, 0.3064

Trichromacy



Original Color

54.1006, 0.2358, 0.2740

Protanomaly

53.3642, 0.2574, 0.2733

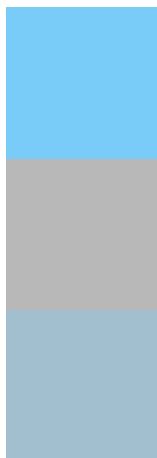
Deuteranomaly

53.4059, 0.2529, 0.2634

Tritanomaly

54.2907, 0.2412, 0.2953

Monochromacy



Original Color

54.1006, 0.2358, 0.2740

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.3437, 0.2785, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1006, 0.2358, 0.2740 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(122, 204, 248)` looks like.

```
.text, #text, p{  
    color:rgb(122, 204, 248)  
}
```

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(122, 204, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 204, 248) }
```

Border

The CSS property to change the border of an element to Yxy 54.1006, 0.2358, 0.2740 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(122, 204, 248) }
```

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

```
.border{ border-color:rgb(122, 204, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 204, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 204, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 204, 248);  
box-shadow:4px 4px 4px 4px rgb(122, 204,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1006, 0.2358, 0.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 204, 248) }
```

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

```
.background{ background-color: rgb(122,  
204, 248) }
```

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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