

Converting Colors

$Yxy(42.4441, 0.2086, 0.2461)$

Have a look what the booklet for
Yxy(42.4441, 0.2086, 0.2461)
contains.

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Color

Yxy(42.3740, 0.2085, 0.2454)

Conversions

Conversions Part 1

Format	Color
Hex	3CB9F7
RGB	60, 185, 247
RGB Percent	24%, 73%, 97%
CMY	0.7648, 0.2745, 0.0313
CMYK	0.76, 0.25, 0.00, 0.03
HSL	200°, 92%, 60%
HSV	200°, 76%, 97%
XYZ	36.0024, 42.3740, 94.2968
YIQ	154.6930, -94.4020, -7.2180

Conversions

Conversions Part 2

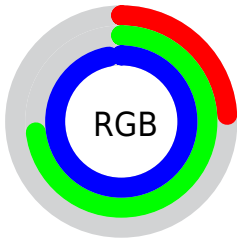
Format	Color
R _{YB}	60, 135, 247
Decimal	3979767
CIE _{Lab}	71.13, -13.78, -40.42
CIE _{LCh}	71, 42.702, 251.173
Y _{xy}	42.3740, 0.2085, 0.2454
Android (android.graphics.Color)	4282169847 (0xFF3CB9F7)
YUV	154.6930, 45.5074, -83.0458
Hunter-Lab	65.0953, -15.1935, -40.3205

Details

The Yxy color **42.3740, 0.2085, 0.2454** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **34.0246, 0.5209, 0.3841**, and the grayscale version is **32.4610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0361, 0.2459, 0.3126**, and **20.2202, 0.1961, 0.2260** is the 20% darker color. If you saturate the color by 10%, you get **38.4484, 0.2007, 0.2326**, and if you desaturate by 10%, it is **46.8585, 0.2184, 0.2582**.

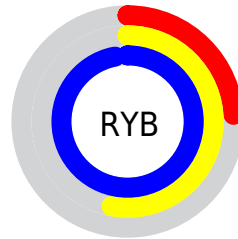
Distribution



Red (24%)

Green (73%)

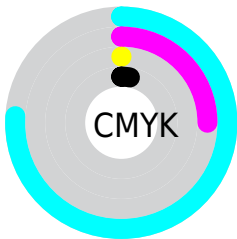
Blue (97%)



Red (24%)

Yellow (53%)

Blue (97%)

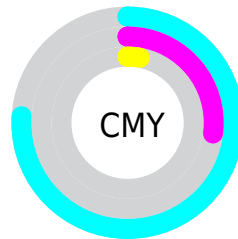


Cyan (76%)

Magenta (25%)

Yellow (0%)

Black (3%)



Cyan (76%)

Magenta (27%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3740, 0.2085, 0.2454 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 42.3740, 0.2085, 0.2454 by changing the saturation by 10% instead.

■ 42.3740, 0.2085,
0.2454

■ 42.3740, 0.2085,
0.2454

■ 356.0310, 0.2585,
0.2873

■ 29.3943, 0.1969,
0.2352

■ 78.7653, 0.2261,
0.2605

■ 19.3793, 0.1826,
0.2225

■ 102.9457, 0.2328,
0.2662

■ 11.9446, 0.1647,
0.2060

■ 131.6285, 0.2387,
0.2710

■ 6.7060, 0.1419,
0.1843

■ 165.1979, 0.2437,
0.2752

■ 3.2789, 0.1124,
0.1550

■ 204.0385, 0.2481,
0.2788

■ 1.2790, 0.0749,
0.1149

■ 248.5346, 0.2520,

■ 0.1249, 0.0000,

0.2820

0.0261

299.0706, 0.2555,
0.2848

0.0000, 0.0000,
0.0000

42.3740, 0.2085,
0.2454

42.3740, 0.2085,
0.2454

38.4484, 0.2007,
0.2326

46.8585, 0.2184,
0.2582

35.0195, 0.1950,
0.2200

51.9451, 0.2301,
0.2709

33.6678, 0.1930,
0.2146

57.6761, 0.2433,
0.2830

64.0881, 0.2577,
0.2946

71.2144, 0.2728,
0.3053

■ 79.0856, 0.2883,
0.3152

■ 87.7303, 0.3039,
0.3243

■ 96.6791, 0.3176,
0.3324

■ 99.4970, 0.3173,
0.3366

Harmonies

Analogous

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



42.3740, 0.2048, 0.2818



42.3740, 0.2085, 0.2454



42.3740, 0.2364, 0.2330

Triad

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



42.3740, 0.2085, 0.2454



42.3740, 0.4049, 0.3102



42.3740, 0.3299, 0.4383

Complementary

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



42.3740, 0.2085, 0.2454



34.0246, 0.5209, 0.3841

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.



42.3740, 0.3870, 0.4353



42.3740, 0.2085, 0.2454



42.3740, 0.4342, 0.3570

Square

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



42.3740, 0.2085, 0.2454



42.3740, 0.3483, 0.2697



42.3740, 0.4263, 0.4025



42.3740, 0.2711, 0.4014

Rectangle

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



42.3740, 0.2085, 0.2454



42.3740, 0.2674, 0.2369



42.3740, 0.4263, 0.4025



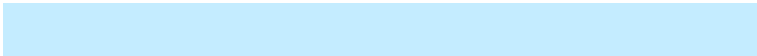
42.3740, 0.3499, 0.4416

Sweetspot

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



42.3755, 0.2085, 0.2454



78.7359, 0.2769, 0.3081



68.8340, 0.2827, 0.5058



16.2234, 0.2713, 0.3043



0.0000, 0.0000, 0.0000



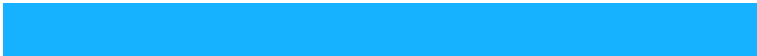
21.4041, 0.3127, 0.3290

Same Dimension

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



42.3755, 0.2085, 0.2454



39.2634, 0.1973, 0.2257



15.7306, 0.1768, 0.1226



17.7777, 0.2980, 0.3210



18.0732, 0.1935, 0.2167



1.7765, 0.1979, 0.2324

Inverse Universe

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



26.5111, 0.3940, 0.2143



25.0873, 0.4165, 0.2107



67.5593, 0.4355, 0.4677



16.6694, 0.3189, 0.3133



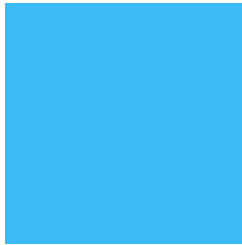
11.9239, 0.4268, 0.2125



1.0670, 0.4101, 0.2033

Previews

White Background



This preview shows how the Yxy color 42.3740, 0.2085, 0.2454 looks on a white background.

Color Contrast Check

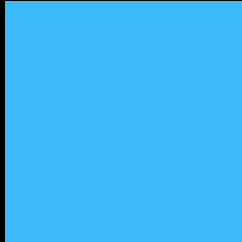
Large Text (above 18pt) WCAG AA × Fail

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 42.3740, 0.2085, 0.2454 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

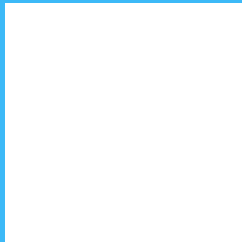
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.3740, 0.2085, 0.2454

Background



This preview shows how black text looks on a background with the Yxy color 42.3740, 0.2085, 0.2454.

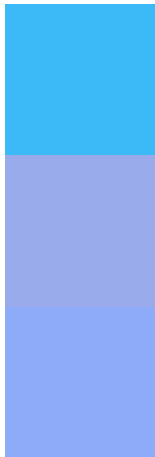


This preview shows how white text looks on a background with the Yxy color 42.3740, 0.2085, 0.2454.

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

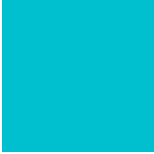
42.3740, 0.2085, 0.2454

Protanopia

42.0520, 0.2527, 0.2469

Deuteranopia

41.7787, 0.2374, 0.2308



Tritanopia

42.2533, 0.2179, 0.3046

Trichromacy



Original Color

42.3740, 0.2085, 0.2454

Protanomaly

41.3350, 0.2312, 0.2450

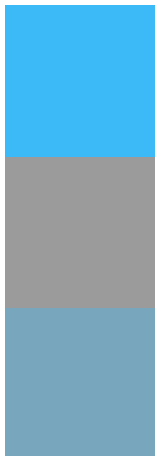
Deuteranomaly

41.3350, 0.2231, 0.2346

Tritanomaly

41.8397, 0.2127, 0.2807

Monochromacy



Original Color

42.3740, 0.2085, 0.2454

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

34.8963, 0.2580, 0.2956

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3740, 0.2085, 0.2454 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(60, 185, 247)` looks like.

```
.text, #text, p{  
    color:rgb(60, 185, 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(60, 185, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 185, 247) }
```

Border

The CSS property to change the border of an element to Yxy 42.3740, 0.2085, 0.2454 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(60, 185, 247) }
```

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

```
.border{ border-color:rgb(60, 185, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 185, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 185, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 185, 247);  
box-shadow:4px 4px 4px 4px rgb(60, 185,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3740, 0.2085, 0.2454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 185, 247) }
```

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

```
.background{ background-color: rgb(60, 185,  
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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