

Converting Colors

$Yxy(44.0676, 0.2142, 0.2528)$

Have a look what the booklet for
Yxy(44.0676, 0.2142, 0.2528)
contains.

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Color

Yxy(44.0149, 0.2140, 0.2526)

Conversions

Conversions Part 1

Format	Color
Hex	4ABCF5
RGB	74, 188, 245
RGB Percent	29%, 74%, 96%
CMY	0.7100, 0.2627, 0.0391
CMYK	0.70, 0.23, 0.00, 0.04
HSL	200°, 90%, 63%
HSV	200°, 70%, 96%
XYZ	37.2889, 44.0149, 92.9436
YIQ	160.4120, -86.2410, -6.4410

Conversions

Conversions Part 2

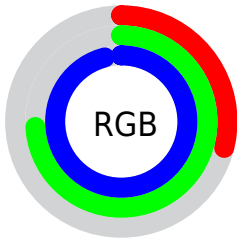
Format	Color
RYB	74, 142, 245
Decimal	4898037
CIELab	72.24, -14.31, -37.59
CIElCh	72, 40.217, 249.160
Yxy	44.0149, 0.2140, 0.2526
Android (android.graphics.Color)	4283088117 (0xFF4ABCF5)
YUV	160.4120, 41.7019, -75.7833
Hunter-Lab	66.3437, -15.7744, -36.6211

Details

The Yxy color **44.0149, 0.2140, 0.2526** 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 **36.1380, 0.4995, 0.3840**, and the grayscale version is **35.1819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5841, 0.2502, 0.3163**, and **20.9588, 0.1985, 0.2345** is the 20% darker color. If you saturate the color by 10%, you get **39.8351, 0.2049, 0.2397**, and if you desaturate by 10%, it is **48.7737, 0.2250, 0.2654**.

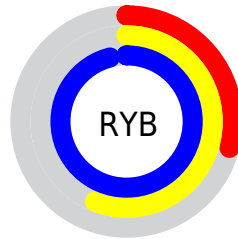
Distribution



Red (29%)

Green (74%)

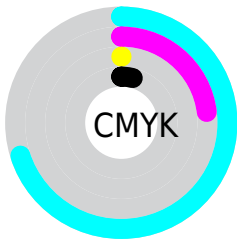
Blue (96%)



Red (29%)

Yellow (56%)

Blue (96%)

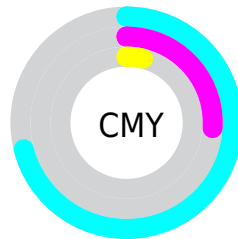


Cyan (70%)

Magenta (23%)

Yellow (0%)

Black (4%)



Cyan (71%)

Magenta (26%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0149, 0.2140, 0.2526 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 44.0149, 0.2140, 0.2526 by changing the saturation by 10% instead.

44.0149, 0.2140,
0.2526

44.0149, 0.2140,
0.2526

362.7691, 0.2613,
0.2909

30.6822, 0.2030,
0.2433

81.2402, 0.2306,
0.2664

20.3570, 0.1895,
0.2315

105.9015, 0.2370,
0.2716

12.6548, 0.1724,
0.2163

135.1079, 0.2425,
0.2761

7.1913, 0.1505,
0.1961

169.2438, 0.2473,
0.2799

3.5820, 0.1219,
0.1684

208.6934, 0.2515,
0.2832

1.4426, 0.0847,
0.1297

253.8412, 0.2552,

0.2478, 0.0000,

0.2861

0.0524

305.0716, 0.2584,
0.2886

0.0000, 0.0000,
0.0000

44.0149, 0.2140,
0.2526

44.0149, 0.2140,
0.2526

39.8351, 0.2049,
0.2397

48.7737, 0.2250,
0.2654

36.1795, 0.1980,
0.2268

54.1494, 0.2377,
0.2778

32.9699, 0.1929,
0.2143

60.1809, 0.2516,
0.2897

32.9158, 0.1928,
0.2141

66.9022, 0.2665,
0.3009

74.3443, 0.2819,
0.3112

82.5360, 0.2975,
0.3206

91.5046, 0.3130,
0.3291

98.3245, 0.3186,
0.3370

99.3747, 0.3185,
0.3386

Harmonies

Analogous

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



44.0149, 0.2122, 0.2886



44.0149, 0.2140, 0.2526



44.0149, 0.2389, 0.2391

Triad

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



44.0149, 0.2140, 0.2526



44.0149, 0.3955, 0.3089



44.0149, 0.3330, 0.4311

Complementary

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



44.0149, 0.2140, 0.2526



36.1380, 0.4995, 0.3840

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.



44.0149, 0.3856, 0.4269



44.0149, 0.2140, 0.2526



44.0149, 0.4249, 0.3529

Square

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



44.0149, 0.2140, 0.2526



44.0149, 0.3420, 0.2712



44.0149, 0.4203, 0.3958



44.0149, 0.2777, 0.3992

Rectangle

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



44.0149, 0.2140, 0.2526



44.0149, 0.2672, 0.2418



44.0149, 0.4203, 0.3958



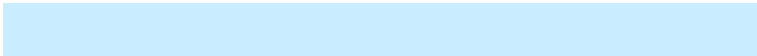
44.0149, 0.3516, 0.4336

Sweetspot

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



44.0164, 0.2140, 0.2526



80.3552, 0.2800, 0.3100



68.4174, 0.2815, 0.4867



16.7053, 0.2757, 0.3072



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.



44.0164, 0.2140, 0.2526



41.8022, 0.2017, 0.2341



17.6414, 0.1850, 0.1354



17.7727, 0.2980, 0.3209



17.9919, 0.1934, 0.2161



1.7698, 0.1978, 0.2319

Inverse Universe

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



27.9397, 0.3858, 0.2191



26.2760, 0.4069, 0.2111



69.2907, 0.4257, 0.4639



16.6689, 0.3189, 0.3133



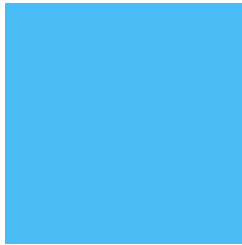
11.9157, 0.4274, 0.2128



1.0663, 0.4106, 0.2036

Previews

White Background



This preview shows how the Yxy color 44.0149, 0.2140, 0.2526 looks on a white background.

Color Contrast Check

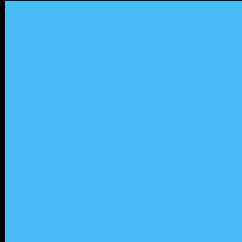
Large Text (above 18pt) WCAG AA × Fail

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 44.0149, 0.2140, 0.2526 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

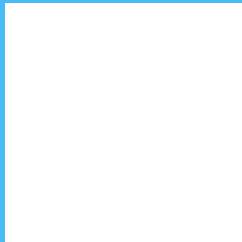
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0149, 0.2140, 0.2526

Background



This preview shows how black text looks on a background with the Yxy color 44.0149, 0.2140, 0.2526.



This preview shows how white text looks on a background with the Yxy color 44.0149, 0.2140, 0.2526.

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

44.0149, 0.2140, 0.2526

Protanopia

43.5835, 0.2578, 0.2537

Deuteranopia

43.5334, 0.2440, 0.2378



Tritanopia

43.9148, 0.2240, 0.3052

Trichromacy



Original Color

44.0149, 0.2140, 0.2526

Protanomaly

43.0024, 0.2373, 0.2522

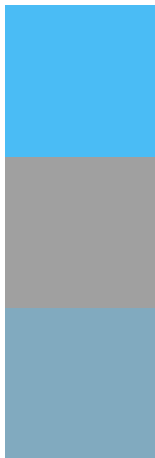
Deuteranomaly

43.0932, 0.2297, 0.2418

Tritanomaly

43.9568, 0.2200, 0.2846

Monochromacy



Original Color

44.0149, 0.2140, 0.2526

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

37.1782, 0.2632, 0.2980

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0149, 0.2140, 0.2526 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(74, 188, 245)` looks like.

```
.text, #text, p{  
    color:rgb(74, 188, 245)  
}
```

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(74, 188, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 188, 245) }
```

Border

The CSS property to change the border of an element to Yxy 44.0149, 0.2140, 0.2526 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(74, 188, 245) }
```

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

```
.border{ border-color:rgb(74, 188, 245) }
```

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

Here you see how a box with a 4 pixel rgb(74, 188, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 188, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 188, 245);  
box-shadow:4px 4px 4px 4px rgb(74, 188,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0149, 0.2140, 0.2526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 188, 245) }
```

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

```
.background{ background-color: rgb(74, 188,  
245) }
```

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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