

Converting Colors

$Yxy(50.2618, 0.2162, 0.2696)$

Have a look what the booklet for
Yxy(50.2618, 0.2162, 0.2696)
contains.

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Color

Yxy(50.1498, 0.2163, 0.2697)

Conversions

Conversions Part 1

Format	Color
Hex	43CAF7
RGB	67, 202, 247
RGB Percent	26%, 79%, 97%
CMY	0.7377, 0.2078, 0.0313
CMYK	0.73, 0.18, 0.00, 0.03
HSL	195°, 92%, 62%
HSV	195°, 73%, 97%
XYZ	40.2203, 50.1498, 95.5766
YIQ	166.7650, -94.9050, -14.6250

Conversions

Conversions Part 2

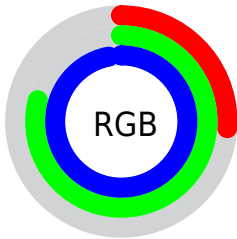
Format	Color
R _{YB}	67, 144, 247
Decimal	4442871
CIE _{Lab}	76.16, -21.87, -32.60
CIE _{LCh}	76, 39.252, 236.148
Yxy	50.1498, 0.2163, 0.2697
Android (android.graphics.Color)	4282632951 (0xFF43CAF7)
YUV	166.7650, 39.5559, -87.4939
Hunter-Lab	70.8165, -22.5498, -30.4484

Details

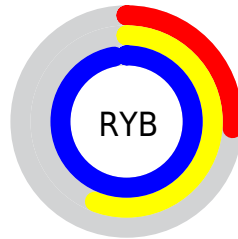
The Yxy color **50.1498, 0.2163, 0.2697** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **31.7487, 0.5254, 0.3694**, and the grayscale version is **38.3478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0584, 0.2508, 0.3288**, and **24.8975, 0.2045, 0.2560** is the 20% darker color. If you saturate the color by 10%, you get **46.6191, 0.2091, 0.2603**, and if you desaturate by 10%, it is **54.1717, 0.2255, 0.2791**.

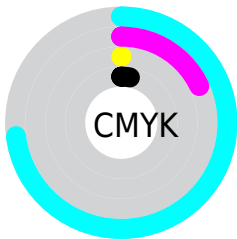
Distribution



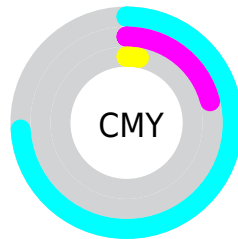
- Red (26%)
- Green (79%)
- Blue (97%)



- Red (26%)
- Yellow (56%)
- Blue (97%)



- Cyan (73%)
- Magenta (18%)
- Yellow (0%)
- Black (3%)





- Cyan (74%)
- Magenta (21%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1498, 0.2163, 0.2697 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 50.1498, 0.2163, 0.2697 by changing the saturation by 10% instead.


 50.1498, 0.2163,
0.2697


 50.1498, 0.2163,
0.2697


387.2515, 0.2616,
0.2996


 35.5324, 0.2060,
0.2623


 90.3968, 0.2321,
0.2805


 24.0733, 0.1933,
0.2530


 116.7952, 0.2382,
0.2846

 15.3880, 0.1773,
0.2409


 147.8894, 0.2435,
0.2881

 9.0922, 0.1570,
0.2246

 184.0639, 0.2481,
0.2910

 4.8013, 0.1306,
0.2018

225.7029, 0.2521,
0.2936

 2.1312, 0.0958,
0.1687

273.1909, 0.2556,

 0.6821, 0.0203,

0.2959

0.1212

326.9123, 0.2588,
0.2979

0.0000, 0.0000,
0.0000

50.1498, 0.2163,
0.2697

50.1498, 0.2163,
0.2697

46.6191, 0.2091,
0.2603

54.1717, 0.2255,
0.2791

43.5218, 0.2039,
0.2509

58.7230, 0.2365,
0.2883

41.5391, 0.2012,
0.2444

63.8431, 0.2490,
0.2971

69.5658, 0.2628,
0.3055

75.9219, 0.2775,
0.3134

82.9397, 0.2927,
0.3206

90.6457, 0.3082,
0.3272

97.2178, 0.3176,
0.3332

99.4971, 0.3173,
0.3366

Harmonies

Analogous

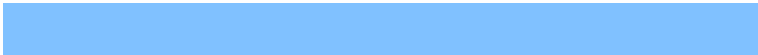
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.1498, 0.2245, 0.3121



50.1498, 0.2163, 0.2697



50.1498, 0.2306, 0.2475

Triad

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



50.1498, 0.2163, 0.2697



50.1498, 0.3702, 0.2938



50.1498, 0.3547, 0.4265

Complementary

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



50.1498, 0.2163, 0.2697



31.7487, 0.5254, 0.3694

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.



50.1498, 0.3981, 0.4106



50.1498, 0.2163, 0.2697



50.1498, 0.4092, 0.3337

Square

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



50.1498, 0.2163, 0.2697



50.1498, 0.3163, 0.2627



50.1498, 0.4192, 0.3755



50.1498, 0.3021, 0.4109

Rectangle

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



50.1498, 0.2163, 0.2697



50.1498, 0.2519, 0.2443



50.1498, 0.4192, 0.3755



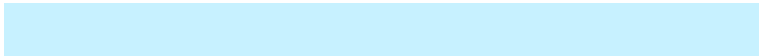
50.1498, 0.3709, 0.4242

Sweetspot

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



50.1516, 0.2163, 0.2697



82.2477, 0.2788, 0.3140



68.8294, 0.2885, 0.5180



17.1887, 0.2748, 0.3120



0.0000, 0.0000, 0.0000



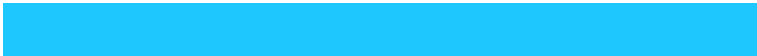
21.4041, 0.3127, 0.3290

Same Dimension

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



50.1516, 0.2163, 0.2697



48.3169, 0.2062, 0.2554



20.1493, 0.1855, 0.1482



18.0154, 0.2980, 0.3229



22.2004, 0.2017, 0.2459



2.1130, 0.2049, 0.2576

Inverse Universe

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



28.0439, 0.3706, 0.2037



26.3392, 0.3862, 0.1956



61.0241, 0.4438, 0.4529



16.6934, 0.3176, 0.3114



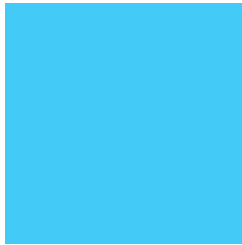
12.3405, 0.3963, 0.1957



1.1009, 0.3848, 0.1893

Previews

White Background



This preview shows how the Yxy color 50.1498, 0.2163, 0.2697 looks on a white background.

Color Contrast Check

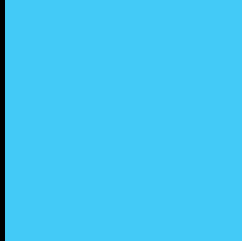
Large Text (above 18pt) WCAG AA × Fail

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 50.1498, 0.2163, 0.2697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

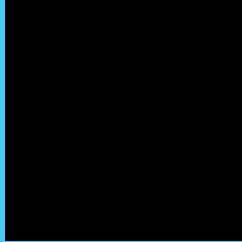
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1498, 0.2163, 0.2697

Background



This preview shows how black text looks on a background with the Yxy color 50.1498, 0.2163, 0.2697.



This preview shows how white text looks on a background with the Yxy color 50.1498, 0.2163, 0.2697.

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

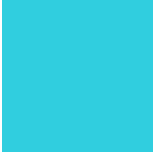
50.1498, 0.2163, 0.2697

Protanopia

49.2202, 0.2696, 0.2684

Deuteranopia

49.5708, 0.2555, 0.2498



Tritanopia

50.0987, 0.2229, 0.3050

Trichromacy



Original Color

50.1498, 0.2163, 0.2697



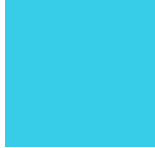
Protanomaly

48.6445, 0.2434, 0.2679



Deuteranomaly

48.9890, 0.2360, 0.2555



Tritanomaly

50.3011, 0.2204, 0.2919

Monochromacy



Original Color

50.1498, 0.2163, 0.2697



Achromatopsia

38.6429, 0.3127, 0.3290



Achromatomaly

41.4533, 0.2632, 0.3061

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1498, 0.2163, 0.2697 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(67, 202, 247)` looks like.

```
.text, #text, p{  
    color:rgb(67, 202, 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(67, 202, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 202, 247) }
```

Border

The CSS property to change the border of an element to Yxy 50.1498, 0.2163, 0.2697 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(67, 202, 247) }
```

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

```
.border{ border-color:rgb(67, 202, 247) }
```

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

Here you see how a box with a 4 pixel rgb(67, 202, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 202, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 202, 247);  
box-shadow:4px 4px 4px 4px rgb(67, 202,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1498, 0.2163, 0.2697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 202, 247) }
```

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

```
.background{ background-color: rgb(67, 202,  
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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