

Converting Colors

$Y_{xy}(43.1361, 0.2098, 0.2581)$

Have a look what the booklet for
Yxy(43.1361, 0.2098, 0.2581)
contains.

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Color

Yxy(43.3148, 0.2099, 0.2587)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 30BDF0 |
| RGB | 48, 189, 240 |
| RGB Percent | 19%, 74%, 94% |
| CMY | 0.8122, 0.2588, 0.0587 |
| CMYK | 0.80, 0.21, 0.00, 0.06 |
| HSL | 196°, 87%, 56% |
| HSV | 196°, 80%, 94% |
| XYZ | 35.1441, 43.3148, 88.9737 |
| YIQ | 152.6550, -100.4070, -14.0310 |

Conversions

Conversions Part 2

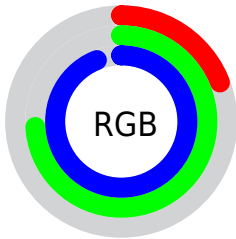
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 48, 129, 240 |
| Decimal | 3194352 |
| CIE Lab | 71.77, -19.44, -35.66 |
| CIE LCh | 72, 40.610, 241.404 |
| Yxy | 43.3148, 0.2099, 0.2587 |
| Android (android.graphics.Color) | 4281384432 (0xFF30BDF0) |
| YUV | 152.6550, 43.0611, -91.7824 |
| Hunter-Lab | 65.8140, -19.8570, -34.0841 |

Details

The Yxy color **43.3148, 0.2099, 0.2587** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **27.6512, 0.5491, 0.3709**, and the grayscale version is **31.5268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8099, 0.2437, 0.3172**, and **21.0690, 0.2006, 0.2421** is the 20% darker color. If you saturate the color by 10%, you get **40.2008, 0.2039, 0.2487**, and if you desaturate by 10%, it is **46.8674, 0.2179, 0.2688**.

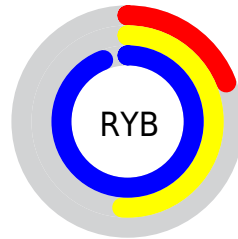
Distribution



Red (19%)

Green (74%)

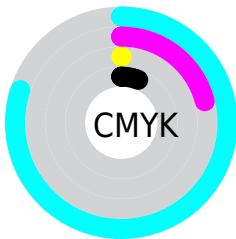
Blue (94%)



Red (19%)

Yellow (51%)

Blue (94%)

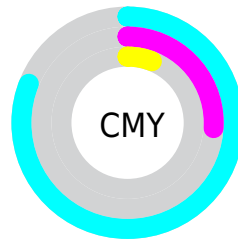


Cyan (80%)

Magenta (21%)

Yellow (0%)

Black (6%)



Cyan (81%)


Magenta (26%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3148, 0.2099, 0.2587 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 43.3148, 0.2099, 0.2587 by changing the saturation by 10% instead.

 43.3148, 0.2099,
0.2587

 43.3148, 0.2099,
0.2587

359.9048, 0.2592,
0.2946

 30.1322, 0.1985,
0.2498


 80.1857, 0.2272,
0.2718

 19.9389, 0.1843,
0.2384

 104.6428, 0.2339,
0.2767

 12.3507, 0.1666,
0.2236


 133.6268, 0.2396,
0.2808

 6.9830, 0.1438,
0.2037

 167.5221, 0.2446,
0.2844

 3.4515, 0.1142,
0.1759

 206.7132, 0.2489,
0.2874

 1.3717, 0.0759,
0.1362

251.5844, 0.2528,

 0.1957, 0.0000,

0.2901

0.0470

302.5201, 0.2562,
0.2925

■ 0.0000, 0.0000,
0.0000

■ 43.3148, 0.2099,
0.2587

■ 43.3148, 0.2099,
0.2587

■ 40.2008, 0.2039,
0.2487

■ 46.8674, 0.2179,
0.2688


■ 37.4576, 0.1997,
0.2389


■ 50.9001, 0.2279,
0.2787

■ 55.4536, 0.2395,
0.2884


■ 60.5620, 0.2527,
0.2977

■ 66.2561, 0.2669,
0.3065

 72.5641, 0.2818,
0.3147

 79.5123, 0.2972,
0.3222

 87.1249, 0.3126,
0.3290

 93.6948, 0.3221,
0.3352

Harmonies

Analogous

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



43.3148, 0.2143, 0.3008



43.3148, 0.2099, 0.2587



43.3148, 0.2292, 0.2393

Triad

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



43.3148, 0.2099, 0.2587



43.3148, 0.3843, 0.2978



43.3148, 0.3479, 0.4350

Complementary

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



43.3148, 0.2099, 0.2587



27.6512, 0.5491, 0.3709

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.



43.3148, 0.3980, 0.4220



43.3148, 0.2099, 0.2587



43.3148, 0.4221, 0.3414

Square

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



43.3148, 0.2099, 0.2587



43.3148, 0.3269, 0.2625



43.3148, 0.4264, 0.3860



43.3148, 0.2910, 0.4120

Rectangle

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



43.3148, 0.2099, 0.2587



43.3148, 0.2544, 0.2385



43.3148, 0.4264, 0.3860



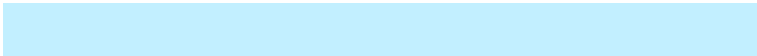
43.3148, 0.3661, 0.4343

Sweetspot

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



43.3163, 0.2099, 0.2587



80.2478, 0.2757, 0.3115



63.8100, 0.2878, 0.5324



16.6272, 0.2704, 0.3085



0.0000, 0.0000, 0.0000



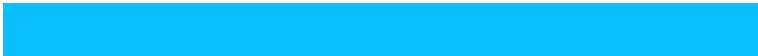
21.4041, 0.3127, 0.3290

Same Dimension

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



43.3163, 0.2099, 0.2587



44.1074, 0.2012, 0.2425



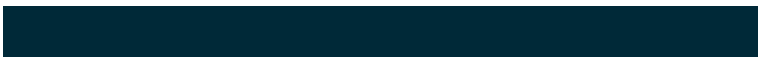
15.2701, 0.1750, 0.1265



17.1773, 0.2981, 0.3226



20.7275, 0.2001, 0.2405



1.8863, 0.2038, 0.2535

Inverse Universe

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



24.3102, 0.3820, 0.2011



25.1986, 0.3996, 0.1988



56.4422, 0.4515, 0.4606



15.9556, 0.3179, 0.3118



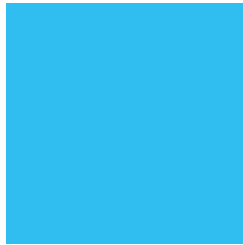
11.8858, 0.4018, 0.1987



1.0051, 0.3888, 0.1915

Previews

White Background



This preview shows how the Yxy color 43.3148, 0.2099, 0.2587 looks on a white background.

Color Contrast Check

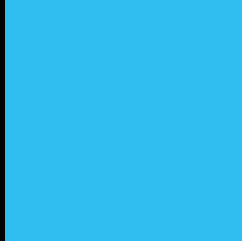
Large Text (above 18pt) WCAG AA × Fail

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 43.3148, 0.2099, 0.2587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

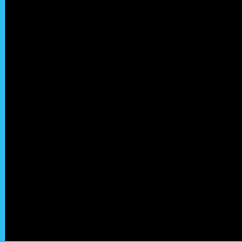
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

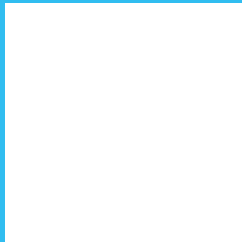
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3148, 0.2099, 0.2587

Background



This preview shows how black text looks on a background with the Yxy color 43.3148, 0.2099, 0.2587.



This preview shows how white text looks on a background with the Yxy color 43.3148, 0.2099, 0.2587.

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

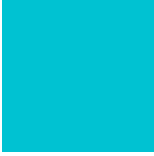
43.3148, 0.2099, 0.2587

Protanopia

42.5801, 0.2619, 0.2578

Deuteranopia

42.9981, 0.2466, 0.2408



Tritanopia

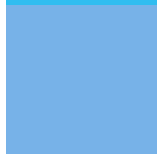
43.2367, 0.2180, 0.3048

Trichromacy



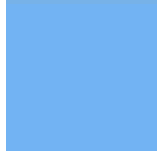
Original Color

43.3148, 0.2099, 0.2587



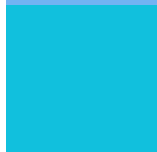
Protanomaly

41.5889, 0.2351, 0.2566



Deuteranomaly

42.2887, 0.2276, 0.2453



Tritanomaly

43.0389, 0.2139, 0.2866

Monochromacy



Original Color

43.3148, 0.2099, 0.2587



Achromatopsia

31.8547, 0.3127, 0.3290



Achromatomaly

34.4201, 0.2565, 0.2996

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3148, 0.2099, 0.2587 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(48, 189, 240)` looks like.

```
.text, #text, p{  
    color:rgb(48, 189, 240)  
}
```

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(48, 189, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 189, 240) }
```

Border

The CSS property to change the border of an element to Yxy 43.3148, 0.2099, 0.2587 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(48, 189, 240) }
```

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

```
.border{ border-color:rgb(48, 189, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 189, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 189, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 189, 240);  
box-shadow:4px 4px 4px 4px rgb(48, 189,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3148, 0.2099, 0.2587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 189, 240) }
```

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

```
.background{ background-color: rgb(48, 189,  
240) }
```

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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