

Converting Colors

$Yxy(43.1085, 0.2029, 0.2398)$

Have a look what the booklet for
Yxy(43.1085, 0.2029, 0.2398)
contains.

Yxy(43.1085, 0.2029, 0.2398)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.1085, 0.2029, 0.2398)

Conversions

Conversions Part 1

Format	Color
Hex	26BBFE
RGB	38, 187, 254
RGB Percent	15%, 73%, 100%
CMY	0.8491, 0.2668, 0.0038
CMYK	0.85, 0.26, 0.00, 0.00
HSL	199°, 99%, 57%
HSV	199°, 85%, 100%
XYZ	36.4750, 43.1085, 100.1850
YIQ	150.0870, -110.3110, -10.7510

Conversions

Conversions Part 2

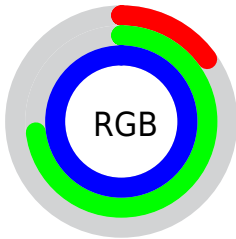
Format	Color
R _Y B	38, 126, 254
Decimal	2538494
CIE Lab	71.63, -14.36, -43.44
CIE LCh	72, 45.755, 251.707
Yxy	43.1085, 0.2029, 0.2398
Android (android.graphics.Color)	4280728574 (0xFF26BBFE)
YUV	150.0870, 51.2291, -98.3003
Hunter-Lab	65.6571, -15.7362, -44.5097

Details

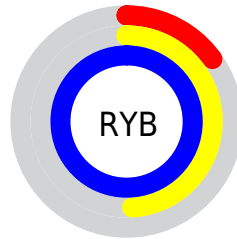
The Yxy color **43.1085, 0.2029, 0.2398** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **31.4321, 0.5565, 0.3774**, and the grayscale version is **30.4125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.4588, 0.2425, 0.3148**, and **21.0814, 0.1946, 0.2205** is the 20% darker color. If you saturate the color by 10%, you get **39.5140, 0.1973, 0.2280**, and if you desaturate by 10%, it is **47.2201, 0.2106, 0.2518**.

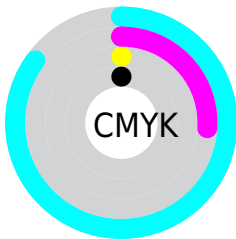
Distribution



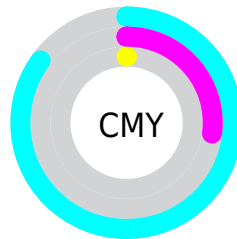
- Red (15%)
- Green (73%)
- Blue (100%)



- Red (15%)
- Yellow (49%)
- Blue (100%)



- Cyan (85%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (85%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1085, 0.2029, 0.2398 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 43.1085, 0.2029, 0.2398 by changing the saturation by 10% instead.


 43.1085, 0.2029,
0.2398


 43.1085, 0.2029,
0.2398


359.0578, 0.2552,
0.2842


 29.9703, 0.1910,
0.2292


 79.8746, 0.2211,
0.2557


 19.8160, 0.1763,
0.2159


 104.2712, 0.2282,
0.2617


 12.2614, 0.1581,
0.1989


 133.1894, 0.2343,
0.2669

 6.9219, 0.1352,
0.1768

 167.0135, 0.2396,
0.2713

 3.4133, 0.1060,
0.1473

 206.1281, 0.2442,
0.2751

 1.3511, 0.0698,
0.1080

250.9173, 0.2483,

 0.1803, 0.0000,

0.2785

0.0319

301.7658, 0.2519,
0.2815

■ 0.0000, 0.0000,
0.0000

■ 43.1085, 0.2029,
0.2398

■ 43.1085, 0.2029,
0.2398

■ 39.5140, 0.1973,
0.2280

■ 47.2201, 0.2106,
0.2518

■ 37.8189, 0.1950,
0.2220

■ 51.9048, 0.2203,
0.2638

■ 57.2135, 0.2318,
0.2755

■ 63.1890, 0.2449,
0.2869

■ 69.8695, 0.2592,
0.2976

■ 77.2899, 0.2742,
0.3076

■ 85.4821, 0.2896,
0.3168

■ 94.4760, 0.3052,
0.3252

■ 99.9374, 0.3133,
0.3299

Harmonies

Analogous

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



43.1085, 0.1985, 0.2775



43.1085, 0.2029, 0.2398



43.1085, 0.2326, 0.2275

Triad

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



43.1085, 0.2029, 0.2398



43.1085, 0.4118, 0.3095



43.1085, 0.3293, 0.4458

Complementary

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



43.1085, 0.2029, 0.2398



31.4321, 0.5565, 0.3774

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.



43.1085, 0.3901, 0.4423



43.1085, 0.2029, 0.2398



43.1085, 0.4422, 0.3588

Square

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



43.1085, 0.2029, 0.2398



43.1085, 0.3516, 0.2669



43.1085, 0.4327, 0.4070



43.1085, 0.2672, 0.4056

Rectangle

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



43.1085, 0.2029, 0.2398



43.1085, 0.2654, 0.2320



43.1085, 0.4327, 0.4070



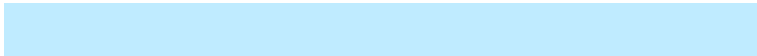
43.1085, 0.3506, 0.4493

Sweetspot

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



43.1100, 0.2029, 0.2398



77.8422, 0.2739, 0.3075



72.3037, 0.2851, 0.5324



16.0807, 0.2686, 0.3040



0.0000, 0.0000, 0.0000



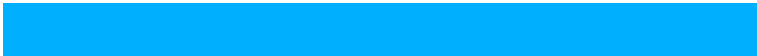
21.4041, 0.3127, 0.3290

Same Dimension

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



43.1100, 0.2029, 0.2398



38.1434, 0.1950, 0.2219



13.5529, 0.1663, 0.1038



19.4720, 0.2980, 0.3214



20.2091, 0.1955, 0.2239



2.1626, 0.1993, 0.2373

Inverse Universe

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



26.0804, 0.4012, 0.2070



24.3817, 0.4212, 0.2094



67.7670, 0.4485, 0.4711



18.1985, 0.3186, 0.3128



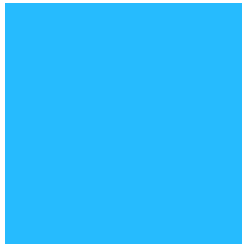
12.7681, 0.4191, 0.2082



1.2629, 0.4051, 0.2005

Previews

White Background



This preview shows how the Yxy color 43.1085, 0.2029, 0.2398 looks on a white background.

Color Contrast Check

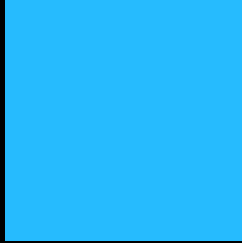
Large Text (above 18pt) WCAG AA × Fail

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 43.1085, 0.2029, 0.2398 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

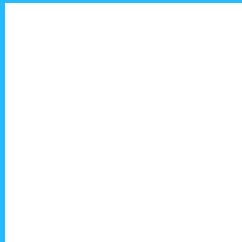
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1085, 0.2029, 0.2398

Background



This preview shows how black text looks on a background with the Yxy color 43.1085, 0.2029, 0.2398.



This preview shows how white text looks on a background with the Yxy color 43.1085, 0.2029, 0.2398.

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

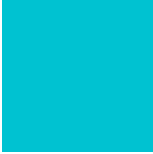
43.1085, 0.2029, 0.2398

Protanopia

42.6882, 0.2488, 0.2418

Deuteranopia

42.5961, 0.2337, 0.2281



Tritanopia

43.1870, 0.2184, 0.3062

Trichromacy



Original Color

43.1085, 0.2029, 0.2398

Protanomaly

41.4776, 0.2242, 0.2390

Deuteranomaly

41.8856, 0.2168, 0.2302

Tritanomaly

42.7912, 0.2118, 0.2797

Monochromacy



Original Color

43.1085, 0.2029, 0.2398

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

33.0764, 0.2498, 0.2901

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1085, 0.2029, 0.2398 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(38, 187, 254)` looks like.

```
.text, #text, p{  
    color:rgb(38, 187, 254)  
}
```

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(38, 187, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 187, 254) }
```

Border

The CSS property to change the border of an element to Yxy 43.1085, 0.2029, 0.2398 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(38, 187, 254) }
```

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

```
.border{ border-color:rgb(38, 187, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 187, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 187, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 187, 254);  
box-shadow:4px 4px 4px 4px rgb(38, 187,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1085, 0.2029, 0.2398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 187, 254) }
```

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

```
.background{ background-color: rgb(38, 187,  
254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor