

Converting Colors

$Yxy(45.1228, 0.2095, 0.2632)$

Have a look what the booklet for
Yxy(45.1228, 0.2095, 0.2632)
contains.

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Color

Yxy(44.9029, 0.2095, 0.2631)

Conversions

Conversions Part 1

Format	Color
Hex	26C1F1
RGB	38, 193, 241
RGB Percent	15%, 76%, 95%
CMY	0.8499, 0.2432, 0.0549
CMYK	0.84, 0.20, 0.00, 0.05
HSL	194°, 88%, 55%
HSV	194°, 84%, 95%
XYZ	35.7551, 44.9029, 90.0106
YIQ	152.1270, -107.7880, -17.9320

Conversions

Conversions Part 2

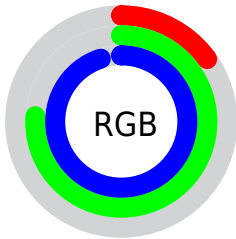
Format	Color
R _Y B	38, 126, 241
Decimal	2540017
CIE Lab	72.83, -21.94, -34.55
CIE LCh	73, 40.929, 237.588
Yxy	44.9029, 0.2095, 0.2631
Android (android.graphics.Color)	4280730097 (0xFF26C1F1)
YUV	152.1270, 43.8144, -100.0894
Hunter-Lab	67.0096, -22.0226, -32.7345

Details

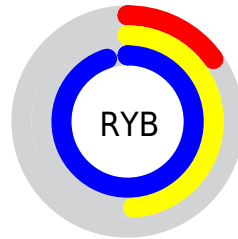
The Yxy color **44.9029, 0.2095, 0.2631** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **25.5496, 0.5695, 0.3639**, and the grayscale version is **31.3357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5843, 0.2435, 0.3230**, and **21.9680, 0.2018, 0.2464** is the 20% darker color. If you saturate the color by 10%, you get **42.1062, 0.2047, 0.2543**, and if you desaturate by 10%, it is **48.0967, 0.2163, 0.2720**.

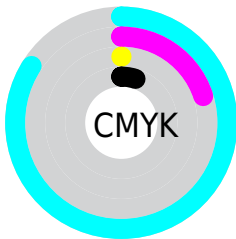
Distribution



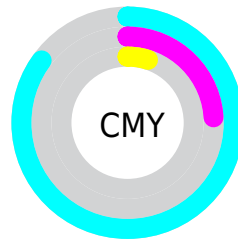
- Red (15%)
- Green (76%)
- Blue (95%)



- Red (15%)
- Yellow (49%)
- Blue (95%)



- Cyan (84%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)





- Cyan (85%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9029, 0.2095, 0.2631 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 44.9029, 0.2095, 0.2631 by changing the saturation by 10% instead.


 44.9029, 0.2095,
0.2631

 44.9029, 0.2095,
0.2631


366.3802, 0.2587,
0.2968


 31.3810, 0.1982,
0.2547


 82.5747, 0.2267,
0.2754


 20.8891, 0.1842,
0.2440


 107.4933, 0.2334,
0.2800


 13.0430, 0.1666,
0.2300


 136.9796, 0.2391,
0.2839

 7.4581, 0.1442,
0.2111

 171.4180, 0.2441,
0.2872

 3.7502, 0.1151,
0.1846

 211.1928, 0.2484,
0.2901

 1.5348, 0.0776,
0.1463

256.6886, 0.2523,

 0.3131, 0.0000,

0.2926

0.0710

308.2895, 0.2557,
0.2949

■ 0.0000, 0.0000,
0.0000

■ 44.9029, 0.2095,
0.2631

■ 44.9029, 0.2095,
0.2631

■ 42.1062, 0.2047,
0.2543

■ 48.0967, 0.2163,
0.2720

■ 40.5996, 0.2026,
0.2492

■ 51.7332, 0.2250,
0.2808

■ 55.8556, 0.2356,
0.2895

■ 60.4997, 0.2478,
0.2979

■ 65.6975, 0.2614,
0.3059

■ 71.4780, 0.2758,
0.3134

■ 77.8680, 0.2909,
0.3203

■ 84.8924, 0.3063,
0.3266

■ 92.5374, 0.3217,
0.3323

Harmonies

Analogous

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



44.9029, 0.2169, 0.3077



44.9029, 0.2095, 0.2631



44.9029, 0.2258, 0.2408

Triad

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



44.9029, 0.2095, 0.2631



44.9029, 0.3774, 0.2929



44.9029, 0.3548, 0.4348

Complementary

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



44.9029, 0.2095, 0.2631



25.5496, 0.5695, 0.3639

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.



44.9029, 0.4027, 0.4180



44.9029, 0.2095, 0.2631



44.9029, 0.4185, 0.3356

Square

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



44.9029, 0.2095, 0.2631



44.9029, 0.3192, 0.2592



44.9029, 0.4273, 0.3804



44.9029, 0.2981, 0.4166

Rectangle

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



44.9029, 0.2095, 0.2631



44.9029, 0.2492, 0.2383



44.9029, 0.4273, 0.3804



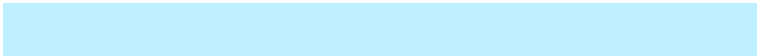
44.9029, 0.3725, 0.4325

Sweetspot

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



44.9045, 0.2095, 0.2631



80.5893, 0.2744, 0.3127



64.0008, 0.2895, 0.5460



16.7422, 0.2692, 0.3101



0.0000, 0.0000, 0.0000



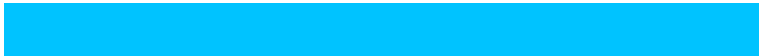
21.4041, 0.3127, 0.3290

Same Dimension

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



44.9045, 0.2095, 0.2631



46.0688, 0.2025, 0.2489



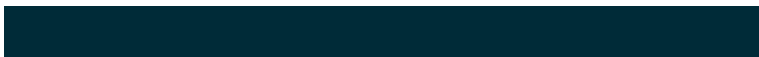
14.4835, 0.1713, 0.1207



17.2572, 0.2981, 0.3233



22.2317, 0.2030, 0.2506



2.0005, 0.2062, 0.2622

Inverse Universe

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



23.9573, 0.3784, 0.1945



25.1818, 0.3933, 0.1940



54.3650, 0.4600, 0.4598



15.9636, 0.3174, 0.3112



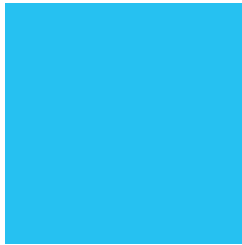
12.0377, 0.3916, 0.1931



1.0167, 0.3803, 0.1869

Previews

White Background



This preview shows how the Yxy color 44.9029, 0.2095, 0.2631 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 44.9029, 0.2095, 0.2631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

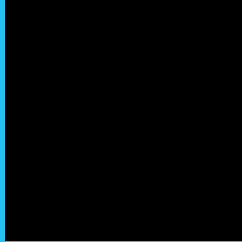
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9029, 0.2095, 0.2631

Background



This preview shows how black text looks on a background with the Yxy color 44.9029, 0.2095, 0.2631.



This preview shows how white text looks on a background with the Yxy color 44.9029, 0.2095, 0.2631.

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

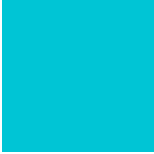
44.9029, 0.2095, 0.2631

Protanopia

44.1539, 0.2652, 0.2622

Deuteranopia

44.2211, 0.2489, 0.2429



Tritanopia

44.7366, 0.2181, 0.3051

Trichromacy



Original Color

44.9029, 0.2095, 0.2631

Protanomaly

43.1906, 0.2351, 0.2610

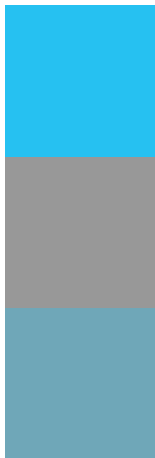
Deuteranomaly

43.4983, 0.2275, 0.2482

Tritanomaly

44.9009, 0.2146, 0.2899

Monochromacy



Original Color

44.9029, 0.2095, 0.2631

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

34.4776, 0.2547, 0.3025

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9029, 0.2095, 0.2631 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, 193, 241)` looks like.

```
.text, #text, p{  
    color:rgb(38, 193, 241)  
}
```

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, 193, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 193, 241) }
```

Border

The CSS property to change the border of an element to Yxy 44.9029, 0.2095, 0.2631 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, 193, 241) }
```

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

```
.border{ border-color:rgb(38, 193, 241) }
```

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

Here you see how a box with a 4 pixel rgb(38, 193, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 193, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 193, 241);  
box-shadow:4px 4px 4px 4px rgb(38, 193,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9029, 0.2095, 0.2631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 193, 241) }
```

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

```
.background{ background-color: rgb(38, 193,  
241) }
```

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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