

Converting Colors

$Yxy(44.5403, 0.2111, 0.2655)$

Have a look what the booklet for
Yxy(44.5403, 0.2111, 0.2655)
contains.

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Color

Yxy(44.4078, 0.2111, 0.2654)

Conversions

Conversions Part 1

Format	Color
Hex	2CC0EE
RGB	44, 192, 238
RGB Percent	17%, 75%, 93%
CMY	0.8271, 0.2471, 0.0667
CMYK	0.81, 0.19, 0.00, 0.07
HSL	194°, 85%, 55%
HSV	194°, 81%, 93%
XYZ	35.3221, 44.4078, 87.5941
YIQ	152.9920, -102.9740, -17.0700

Conversions

Conversions Part 2

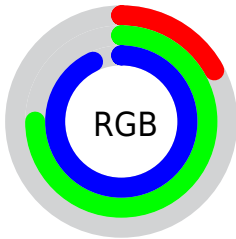
Format	Color
R _Y B	44, 128, 238
Decimal	2932974
CIE Lab	72.50, -21.99, -33.42
CIE LCh	73, 40.007, 236.660
Yxy	44.4078, 0.2111, 0.2654
Android (android.graphics.Color)	4281123054 (0xFF2CC0EE)
YUV	152.9920, 41.9089, -95.5860
Hunter-Lab	66.6392, -22.0046, -31.2866

Details

The Yxy color **44.4078, 0.2111, 0.2654** 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 **25.6831, 0.5599, 0.3652**, and the grayscale version is **31.7097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1089, 0.2439, 0.3219**, and **21.5544, 0.2025, 0.2490** is the 20% darker color. If you saturate the color by 10%, you get **41.5922, 0.2058, 0.2566**, and if you desaturate by 10%, it is **47.6234, 0.2184, 0.2743**.

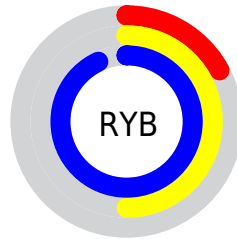
Distribution



Red (17%)

Green (75%)

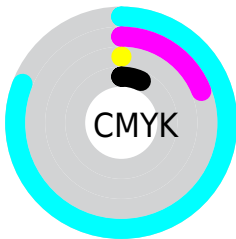
Blue (93%)



Red (17%)

Yellow (50%)

Blue (93%)

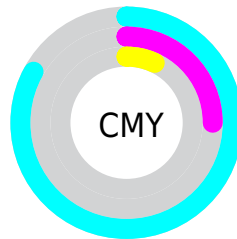


Cyan (81%)

Magenta (19%)

Yellow (0%)

Black (7%)



Cyan (83%)

Magenta (25%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4078, 0.2111, 0.2654 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 44.4078, 0.2111, 0.2654 by changing the saturation by 10% instead.

44.4078, 0.2111,
0.2654

44.4078, 0.2111,
0.2654

364.3698, 0.2597,
0.2981

30.9912, 0.1998,
0.2572

81.8310, 0.2282,
0.2774

20.5922, 0.1859,
0.2467

106.6065, 0.2347,
0.2818

12.8262, 0.1684,
0.2330

135.9370, 0.2404,
0.2856

7.3090, 0.1459,
0.2143

170.2070, 0.2453,
0.2888

3.6561, 0.1166,
0.1879

209.8009, 0.2496,
0.2916

1.4831, 0.0785,
0.1495

255.1031, 0.2534,

0.2768, 0.0000,

0.2940

0.0680

306.4979, 0.2567,
0.2962

■ 0.0000, 0.0000,
0.0000

■ 44.4078, 0.2111,
0.2654

■ 44.4078, 0.2111,
0.2654

■ 41.5922, 0.2058,
0.2566

■ 47.6234, 0.2184,
0.2743

■ 39.4429, 0.2025,
0.2491

■ 51.2805, 0.2277,
0.2831

■ 55.4190, 0.2387,
0.2917

■ 60.0727, 0.2513,
0.3000

■ 65.2717, 0.2651,
0.3079

71.0436, 0.2798,
0.3152

77.4139, 0.2950,
0.3220

84.4062, 0.3104,
0.3281

91.4170, 0.3237,
0.3337

Harmonies

Analogous

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



44.4078, 0.2192, 0.3098



44.4078, 0.2111, 0.2654



44.4078, 0.2265, 0.2427

Triad

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



44.4078, 0.2111, 0.2654



44.4078, 0.3746, 0.2923



44.4078, 0.3559, 0.4327

Complementary

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



44.4078, 0.2111, 0.2654



25.6831, 0.5599, 0.3652

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.



44.4078, 0.4023, 0.4156



44.4078, 0.2111, 0.2654



44.4078, 0.4157, 0.3343

Square

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



44.4078, 0.2111, 0.2654



44.4078, 0.3173, 0.2595



44.4078, 0.4254, 0.3783



44.4078, 0.3002, 0.4159

Rectangle

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



44.4078, 0.2111, 0.2654



44.4078, 0.2490, 0.2397



44.4078, 0.4254, 0.3783



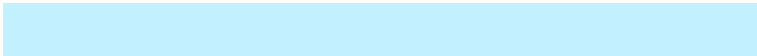
44.4078, 0.3731, 0.4302

Sweetspot

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



44.4094, 0.2111, 0.2654



81.2685, 0.2759, 0.3134



62.4101, 0.2891, 0.5397



16.8749, 0.2706, 0.3108



0.0000, 0.0000, 0.0000



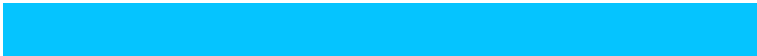
21.4041, 0.3127, 0.3290

Same Dimension

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



44.4094, 0.2111, 0.2654



46.6098, 0.2032, 0.2506



15.0371, 0.1743, 0.1270



17.2564, 0.2981, 0.3233



22.2155, 0.2029, 0.2505



1.9993, 0.2061, 0.2621

Inverse Universe

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



23.7892, 0.3759, 0.1958



25.3438, 0.3916, 0.1937



53.5961, 0.4564, 0.4587



15.9635, 0.3174, 0.3112



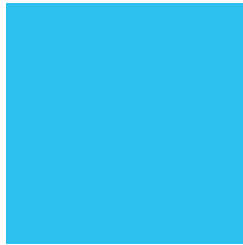
12.0360, 0.3917, 0.1932



1.0165, 0.3804, 0.1869

Previews

White Background



This preview shows how the Yxy color 44.4078, 0.2111, 0.2654 looks on a white background.

Color Contrast Check

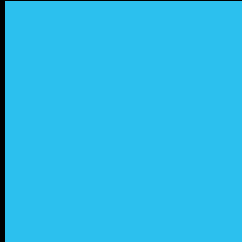
Large Text (above 18pt) WCAG AA × Fail

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 44.4078, 0.2111, 0.2654 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 44.4078, 0.2111, 0.2654

Background



This preview shows how black text looks on a background with the Yxy color 44.4078, 0.2111, 0.2654.



This preview shows how white text looks on a background with the Yxy color 44.4078, 0.2111, 0.2654.

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

44.4078, 0.2111, 0.2654

Protanopia

43.6009, 0.2669, 0.2643

Deuteranopia

43.7508, 0.2511, 0.2448



Tritanopia

44.2333, 0.2181, 0.3050

Trichromacy



Original Color

44.4078, 0.2111, 0.2654



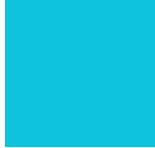
Protanomaly

42.7540, 0.2374, 0.2633



Deuteranomaly

43.0435, 0.2295, 0.2503



Tritanomaly

44.3608, 0.2151, 0.2911

Monochromacy



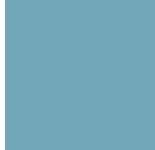
Original Color

44.4078, 0.2111, 0.2654



Achromatopsia

31.8547, 0.3127, 0.3290



Achromatomaly

34.6088, 0.2560, 0.3026

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4078, 0.2111, 0.2654 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(44, 192, 238)` looks like.

```
.text, #text, p{  
    color:rgb(44, 192, 238)  
}
```

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(44, 192, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 192, 238) }
```

Border

The CSS property to change the border of an element to Yxy 44.4078, 0.2111, 0.2654 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(44, 192, 238) }
```

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

```
.border{ border-color:rgb(44, 192, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 192, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 192, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 192, 238);  
box-shadow:4px 4px 4px 4px rgb(44, 192,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4078, 0.2111, 0.2654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 192, 238) }
```

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

```
.background{ background-color: rgb(44, 192,  
238) }
```

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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