

Converting Colors

$Yxy(73.4983, 0.2345, 0.3288)$

Have a look what the booklet for
Yxy(73.4983, 0.2345, 0.3288)
contains.

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Color

Yxy(73.6467, 0.2345, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	51F5F5
RGB	81, 245, 245
RGB Percent	32%, 96%, 96%
CMY	0.6823, 0.0392, 0.0393
CMYK	0.67, 0.00, 0.00, 0.04
HSL	180°, 89%, 64%
HSV	180°, 67%, 96%
XYZ	52.5248, 73.6467, 97.8148
YIQ	195.9640, -97.7440, -34.7680

Conversions

Conversions Part 2

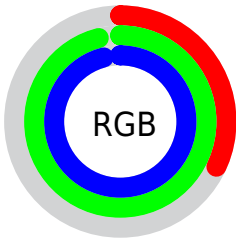
Format	Color
R _Y B	81, 163, 245
Decimal	5371381
CIE Lab	88.76, -41.22, -12.37
CIE LCh	89, 43.037, 196.700
Yxy	73.6467, 0.2345, 0.3288
Android (android.graphics.Color)	4283561461 (0xFF51F5F5)
YUV	195.9640, 24.1747, -100.8234
Hunter-Lab	85.8177, -40.9298, -7.5063

Details

The Yxy color **73.6467, 0.2345, 0.3288** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **25.8955, 0.5358, 0.3296**, and the grayscale version is **55.0787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.2240, 0.2562, 0.3288**, and **39.6406, 0.2242, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **72.7549, 0.2295, 0.3288**, and if you desaturate by 10%, it is **74.9343, 0.2414, 0.3288**.

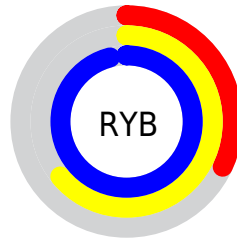
Distribution



Red (32%)

Green (96%)

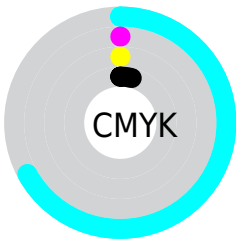
Blue (96%)



Red (32%)

Yellow (64%)

Blue (96%)

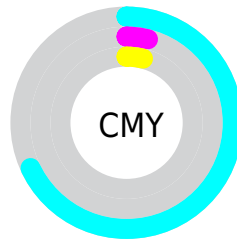


Cyan (67%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (68%)


Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6467, 0.2345, 0.3288 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 73.6467, 0.2345, 0.3288 by changing the saturation by 10% instead.


 73.6467, 0.2345,
0.3288


 73.6467, 0.2345,
0.3288

473.2531, 0.2696,
0.3299


 54.5049, 0.2268,
0.3283


 124.3949, 0.2465,
0.3294

 39.0055, 0.2174,
0.3275


 156.7700, 0.2512,
0.3296

 26.7640, 0.2058,
0.3264


 194.3251, 0.2553,
0.3297

 17.3961, 0.1910,
0.3246

 237.4445, 0.2589,
0.3298

 10.5173, 0.1718,
0.3216

286.5126, 0.2620,
0.3298

 5.7432, 0.1461,
0.3162

341.9138, 0.2648,

 2.6896, 0.1106,

0.3299

0.3055

404.0325, 0.2674,
0.3299

0.9719, 0.0000,
0.2998

0.0000, 0.0000,
0.0000

73.6467, 0.2345,
0.3288

73.6467, 0.2345,
0.3288

72.7549, 0.2295,
0.3288

74.9343, 0.2414,
0.3288

72.2063, 0.2264,
0.3288


76.6471, 0.2503,
0.3288

71.9472, 0.2250,
0.3288


78.8211, 0.2610,
0.3289


71.8986, 0.2247,
0.3288


81.4863, 0.2734,
0.3289

 84.6702, 0.2871,
0.3289

 88.3981, 0.3020,
0.3290

 92.6938, 0.3176,
0.3290

 93.1614, 0.3192,
0.3290

 93.1616, 0.3192,
0.3290

Harmonies

Analogous

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



73.6467, 0.2700, 0.3803



73.6467, 0.2345, 0.3288



73.6467, 0.2195, 0.2829

Triad

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



73.6467, 0.2345, 0.3288



73.6467, 0.2998, 0.2579



73.6467, 0.4045, 0.3988

Complementary

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



73.6467, 0.2345, 0.3288



25.8955, 0.5358, 0.3296

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.



73.6467, 0.4158, 0.3618



73.6467, 0.2345, 0.3288



73.6467, 0.3525, 0.2842

Square

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



73.6467, 0.2345, 0.3288



73.6467, 0.2546, 0.2470



73.6467, 0.3965, 0.3210



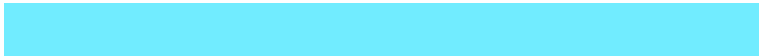
73.6467, 0.3682, 0.4211

Rectangle

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



73.6467, 0.2345, 0.3288



73.6467, 0.2218, 0.2619



73.6467, 0.3965, 0.3210



73.6467, 0.4115, 0.3874

Sweetspot

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



73.6495, 0.2345, 0.3288



91.5768, 0.2827, 0.3289



67.7758, 0.3036, 0.5447



19.3894, 0.2788, 0.3289



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.



73.6495, 0.2345, 0.3288



79.4417, 0.2283, 0.3288



35.5224, 0.2086, 0.2214



18.7578, 0.2981, 0.3290



38.7313, 0.2247, 0.3288



3.4041, 0.2247, 0.3288

Inverse Universe

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



25.8955, 0.5358, 0.3296



23.8670, 0.5945, 0.3298



45.2458, 0.4672, 0.4083



16.4826, 0.3294, 0.3290



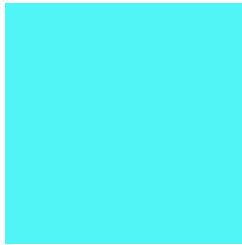
10.4580, 0.6401, 0.3300



0.9192, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 73.6467, 0.2345, 0.3288 looks on a white background.

Color Contrast Check

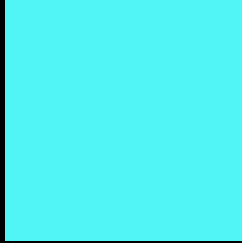
Large Text (above 18pt) WCAG AA × Fail

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 73.6467, 0.2345, 0.3288 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

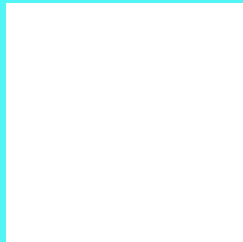
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6467, 0.2345, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 73.6467, 0.2345, 0.3288.

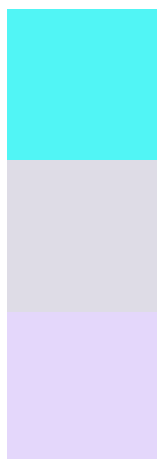


This preview shows how white text looks on a background with the Yxy color 73.6467, 0.2345, 0.3288.

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

73.6467, 0.2345, 0.3288

Protanopia

72.4292, 0.3076, 0.3183

Deuteranopia

72.0599, 0.2983, 0.2917



Tritanopia

73.5422, 0.2438, 0.3102

Trichromacy



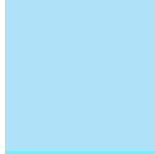
Original Color

73.6467, 0.2345, 0.3288



Protanomaly

70.6947, 0.2724, 0.3219



Deuteranomaly

70.3462, 0.2668, 0.3029



Tritanomaly

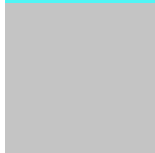
73.2551, 0.2398, 0.3169

Monochromacy



Original Color

73.6467, 0.2345, 0.3288



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

59.8182, 0.2722, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6467, 0.2345, 0.3288 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(81, 245, 245)` looks like.

```
.text, #text, p{  
    color:rgb(81, 245, 245)  
}
```

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(81, 245, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 245, 245) }
```

Border

The CSS property to change the border of an element to Yxy 73.6467, 0.2345, 0.3288 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(81, 245, 245) }
```

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

```
.border{ border-color:rgb(81, 245, 245) }
```

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

Here you see how a box with a 4 pixel rgb(81, 245, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 245, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 245, 245);  
box-shadow:4px 4px 4px 4px rgb(81, 245,  
245) }
```


Background

The CSS property to change the background color of an element to `rgb(73.6467, 0.2345, 0.3288)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 245, 245) }
```

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

```
.background{ background-color: rgb(81, 245,  
245) }
```

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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