

Converting Colors

$Yxy(75.6303, 0.2348, 0.3288)$

Have a look what the booklet for
Yxy(75.6303, 0.2348, 0.3288)
contains.

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Color

Yxy(75.7511, 0.2347, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	53F8F8
RGB	83, 248, 248
RGB Percent	33%, 97%, 97%
CMY	0.6747, 0.0274, 0.0275
CMYK	0.67, 0.00, 0.00, 0.03
HSL	180°, 92%, 65%
HSV	180°, 67%, 97%
XYZ	54.0717, 75.7511, 100.5637
YIQ	198.6650, -98.3400, -34.9800

Conversions

Conversions Part 2

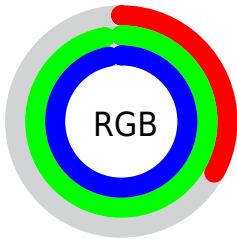
Format	Color
R _Y B	83, 166, 248
Decimal	5503224
CIE Lab	89.74, -41.49, -12.45
CIE LCh	90, 43.321, 196.707
Yxy	75.7511, 0.2347, 0.3288
Android (android.graphics.Color)	4283693304 (0xFF53F8F8)
YUV	198.6650, 24.3222, -101.4382
Hunter-Lab	87.0351, -41.4159, -7.5814

Details

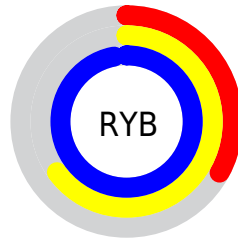
The Yxy color **75.7511, 0.2347, 0.3288** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **26.7612, 0.5342, 0.3296**, and the grayscale version is **56.7841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4154, 0.2570, 0.3288**, and **41.0674, 0.2242, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **74.8210, 0.2297, 0.3288**, and if you desaturate by 10%, it is **77.0900, 0.2417, 0.3288**.

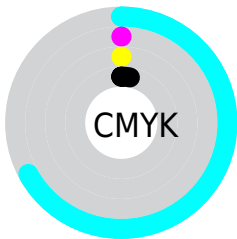
Distribution



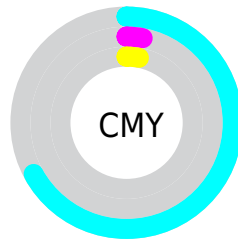
- Red (33%)
- Green (97%)
- Blue (97%)



- Red (33%)
- Yellow (65%)
- Blue (97%)



- Cyan (67%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)





- Cyan (67%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.7511, 0.2347, 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 75.7511, 0.2347, 0.3288 by changing the saturation by 10% instead.


 75.7511, 0.2347,
0.3288

 75.7511, 0.2347,
0.3288

480.4952, 0.2696,
0.3299


 56.2284, 0.2271,
0.3283


 127.3750, 0.2465,
0.3294


 40.3861, 0.2178,
0.3276

 160.2450, 0.2512,
0.3296

 27.8397, 0.2064,
0.3265


 198.3330, 0.2553,
0.3297

 18.2049, 0.1919,
0.3247

 242.0233, 0.2588,
0.3298

 11.0972, 0.1732,
0.3218

291.7002, 0.2620,
0.3298

 6.1322, 0.1481,
0.3166

347.7483, 0.2648,

 2.9257, 0.1137,

0.3299

0.3065

410.5518, 0.2673,
0.3299

■ 1.0930, 0.0034,
0.3032

■ 0.0000, 0.0000,
0.0000

■ 75.7511, 0.2347,
0.3288

■ 75.7511, 0.2347,
0.3288

■ 74.8210, 0.2297,
0.3288

■ 77.0900, 0.2417,
0.3288

■ 74.2459, 0.2265,
0.3288

■ 78.8679, 0.2506,
0.3288

■ 73.9717, 0.2250,
0.3288


■ 81.1216, 0.2614,
0.3289


■ 73.9164, 0.2247,
0.3288


■ 83.8820, 0.2738,
0.3289

 87.1773, 0.2876,
0.3289

 91.0336, 0.3025,
0.3290

 95.1790, 0.3172,
0.3290

 95.1793, 0.3172,
0.3290

 95.1795, 0.3172,
0.3290

Harmonies

Analogous

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



75.7511, 0.2701, 0.3802



75.7511, 0.2347, 0.3288



75.7511, 0.2197, 0.2830

Triad

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



75.7511, 0.2347, 0.3288



75.7511, 0.2999, 0.2581



75.7511, 0.4042, 0.3986

Complementary

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



75.7511, 0.2347, 0.3288



26.7612, 0.5342, 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.



75.7511, 0.4155, 0.3617



75.7511, 0.2347, 0.3288



75.7511, 0.3524, 0.2844

Square

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



75.7511, 0.2347, 0.3288



75.7511, 0.2548, 0.2472



75.7511, 0.3963, 0.3210



75.7511, 0.3681, 0.4208

Rectangle

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



75.7511, 0.2347, 0.3288



75.7511, 0.2220, 0.2621



75.7511, 0.3963, 0.3210



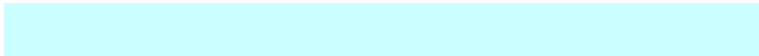
75.7511, 0.4112, 0.3873

Sweetspot

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



75.7540, 0.2347, 0.3288



91.5768, 0.2827, 0.3289



69.7290, 0.3036, 0.5437



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.



75.7540, 0.2347, 0.3288



79.4417, 0.2283, 0.3288



36.7051, 0.2090, 0.2220



19.6086, 0.2980, 0.3290



39.9260, 0.2247, 0.3288



3.6979, 0.2247, 0.3288

Inverse Universe

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



26.7612, 0.5342, 0.3296



23.8670, 0.5945, 0.3298



46.6801, 0.4662, 0.4081



17.2253, 0.3294, 0.3290



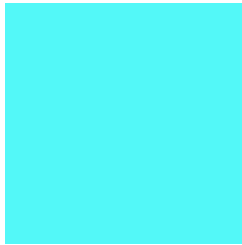
10.7806, 0.6401, 0.3300



0.9985, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 75.7511, 0.2347, 0.3288 looks on a white background.

Color Contrast Check

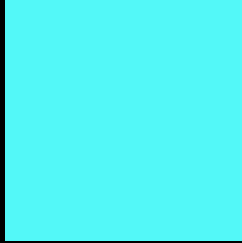
Large Text (above 18pt) WCAG AA × Fail

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 75.7511, 0.2347, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

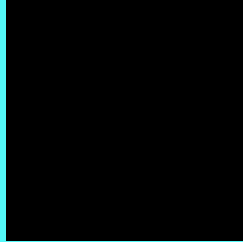
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.7511, 0.2347, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 75.7511, 0.2347, 0.3288.

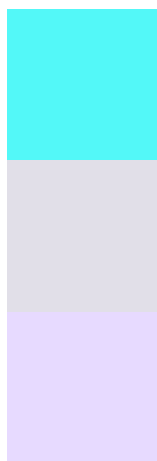


This preview shows how white text looks on a background with the Yxy color 75.7511, 0.2347, 0.3288.

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

75.7511, 0.2347, 0.3288

Protanopia

74.6091, 0.3083, 0.3194

Deuteranopia

74.3517, 0.2979, 0.2911



Tritanopia

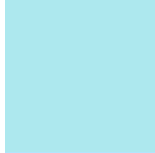
75.3798, 0.2503, 0.3116

Trichromacy



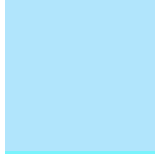
Original Color

75.7511, 0.2347, 0.3288



Protanomaly

72.7705, 0.2722, 0.3220



Deuteranomaly

72.4140, 0.2668, 0.3032



Tritanomaly

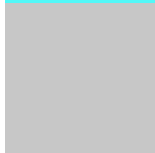
75.1944, 0.2434, 0.3182

Monochromacy



Original Color

75.7511, 0.2347, 0.3288



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

61.8036, 0.2727, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7511, 0.2347, 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(83, 248, 248)` looks like.

```
.text, #text, p{  
    color:rgb(83, 248, 248)  
}
```

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(83, 248, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 248, 248) }
```

Border

The CSS property to change the border of an element to Yxy 75.7511, 0.2347, 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(83, 248, 248) }
```

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

```
.border{ border-color:rgb(83, 248, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 248, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 248, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 248, 248);  
box-shadow:4px 4px 4px 4px rgb(83, 248,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7511, 0.2347, 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(83, 248, 248) }
```

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

```
.background{ background-color: rgb(83, 248,  
248) }
```

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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