

Converting Colors

$Y_{xy}(75.4069, 0.2548, 0.3288)$

Have a look what the booklet for
Yxy(75.4069, 0.2548, 0.3288)
contains.

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Color

Yxy(75.4040, 0.2548, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	8BF2F2
RGB	139, 242, 242
RGB Percent	55%, 95%, 95%
CMY	0.4547, 0.0510, 0.0509
CMYK	0.43, 0.00, 0.00, 0.05
HSL	180°, 80%, 75%
HSV	180°, 43%, 95%
XYZ	58.4335, 75.4040, 95.4934
YIQ	211.2030, -61.3880, -21.8360

Conversions

Conversions Part 2

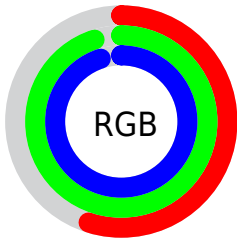
Format	Color
RYB	139, 191, 242
Decimal	9171698
CIELab	89.58, -29.94, -9.40
CIELCh	90, 31.384, 197.434
Yxy	75.4040, 0.2548, 0.3288
Android (android.graphics.Color)	4287361778 (0xFF8BF2F2)
YUV	211.2030, 15.1829, -63.3220
Hunter-Lab	86.8355, -31.8455, -4.4167

Details

The Yxy color **75.4040, 0.2548, 0.3288** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **39.2304, 0.4242, 0.3294**, and the grayscale version is **65.2191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **40.3685, 0.2421, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **73.5451, 0.2451, 0.3288**, and if you desaturate by 10%, it is **77.7299, 0.2663, 0.3288**.

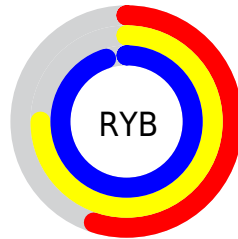
Distribution



Red (55%)

Green (95%)

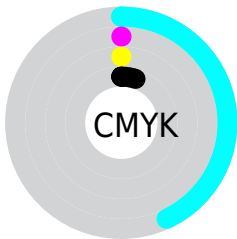
Blue (95%)



Red (55%)

Yellow (75%)

Blue (95%)

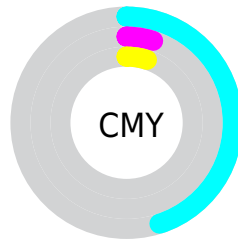


Cyan (43%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (45%)


Magenta (5%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.4040, 0.2548, 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 75.4040, 0.2548, 0.3288 by changing the saturation by 10% instead.


 75.4040, 0.2548,
0.3288

 75.4040, 0.2548,
0.3288


479.3050, 0.2810,
0.3295

 55.9439, 0.2490,
0.3285


 126.8841, 0.2637,
0.3291

 40.1580, 0.2419,
0.3281

 159.6729, 0.2673,
0.3292

 27.6617, 0.2331,
0.3275


197.6734, 0.2703,
0.3293

 18.0708, 0.2218,
0.3265

241.2699, 0.2730,
0.3294

 11.0008, 0.2068,
0.3248

290.8470, 0.2753,
0.3294

 6.0674, 0.1863,
0.3218

346.7889, 0.2774,

 2.8861, 0.1565,

0.3294

0.3159

409.4801, 0.2793,
0.3295

■ 1.0726, 0.0807,
0.3122

■ 0.0000, 0.0000,
0.0000

■ 75.4040, 0.2548,
0.3288

■ 75.4040, 0.2548,
0.3288

■ 73.5451, 0.2451,
0.3288

■ 77.7299, 0.2663,
0.3288

■ 72.1137, 0.2373,
0.3287


■ 80.5420, 0.2793,
0.3289


■ 71.0781, 0.2315,
0.3287

■ 83.8689, 0.2935,
0.3289


■ 70.3985, 0.2276,
0.3287


■ 87.7346, 0.3087,
0.3290

 70.0270, 0.2254,
0.3287


 91.1905, 0.3212,
0.3290

 69.8957, 0.2246,
0.3287

 91.1937, 0.3212,
0.3290

 91.1970, 0.3212,
0.3290

 91.2002, 0.3212,
0.3290

 91.2035, 0.3212,
0.3291

Harmonies

Analogous

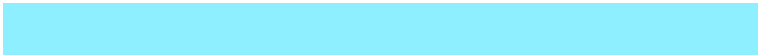
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4040, 0.2812, 0.3647



75.4040, 0.2548, 0.3288



75.4040, 0.2435, 0.2957

Triad

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



75.4040, 0.2548, 0.3288



75.4040, 0.3047, 0.2763



75.4040, 0.3793, 0.3816

Complementary

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



75.4040, 0.2548, 0.3288



39.2304, 0.4242, 0.3294

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.



75.4040, 0.3872, 0.3553



75.4040, 0.2548, 0.3288



75.4040, 0.3427, 0.2966

Square

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



75.4040, 0.2548, 0.3288



75.4040, 0.2709, 0.2681



75.4040, 0.3737, 0.3247



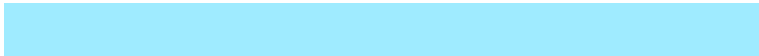
75.4040, 0.3532, 0.3956

Rectangle

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



75.4040, 0.2548, 0.3288



75.4040, 0.2454, 0.2799



75.4040, 0.3737, 0.3247



75.4040, 0.3843, 0.3738

Sweetspot

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



75.4069, 0.2548, 0.3288



94.2412, 0.2928, 0.3289



70.8741, 0.3065, 0.4614



19.9844, 0.2896, 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.



75.4069, 0.2548, 0.3288



83.0776, 0.2464, 0.3288



48.9622, 0.2440, 0.2643



17.9284, 0.2981, 0.3290



37.5419, 0.2246, 0.3287



3.1233, 0.2246, 0.3287

Inverse Universe

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



43.7690, 0.3176, 0.2246



43.1327, 0.3185, 0.2062



57.8036, 0.3986, 0.3852



16.0314, 0.3138, 0.3057



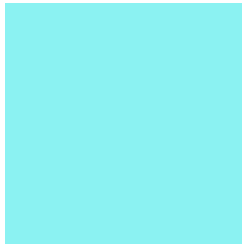
13.5832, 0.3210, 0.1542



1.1300, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 75.4040, 0.2548, 0.3288 looks on a white background.

Color Contrast Check

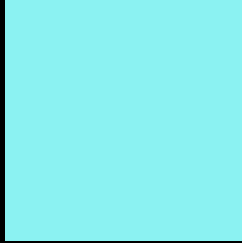
Large Text (above 18pt) WCAG AA × Fail

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 75.4040, 0.2548, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

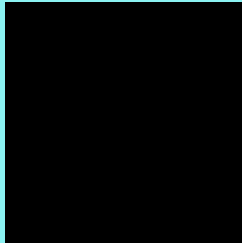
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.4040, 0.2548, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 75.4040, 0.2548, 0.3288.



This preview shows how white text looks on a background with the Yxy color 75.4040, 0.2548, 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

75.4040, 0.2548, 0.3288

Protanopia

74.6573, 0.3103, 0.3216

Deuteranopia

74.5204, 0.3057, 0.2993



Tritanopia

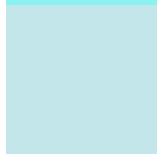
75.4370, 0.2558, 0.3096

Trichromacy



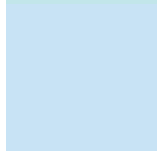
Original Color

75.4040, 0.2548, 0.3288



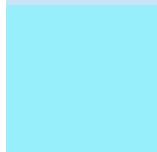
Protanomaly

74.0035, 0.2867, 0.3245



Deuteranomaly

73.8101, 0.2840, 0.3093



Tritanomaly

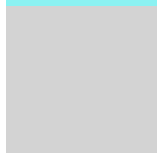
75.1192, 0.2555, 0.3162

Monochromacy



Original Color

75.4040, 0.2548, 0.3288



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.8308, 0.2876, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4040, 0.2548, 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(139, 242, 242)` looks like.

```
.text, #text, p{  
    color:rgb(139, 242, 242)  
}
```

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(139, 242, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 242, 242) }
```

Border

The CSS property to change the border of an element to Yxy 75.4040, 0.2548, 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(139, 242, 242) }
```

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

```
.border{ border-color:rgb(139, 242, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 242, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 242, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 242, 242);  
box-shadow:4px 4px 4px 4px rgb(139, 242,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4040, 0.2548, 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(139, 242, 242) }
```

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

```
.background{ background-color: rgb(139,  
242, 242) }
```

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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