

Converting Colors

$Yxy(76.1579, 0.2576, 0.3288)$

Have a look what the booklet for
Yxy(76.1579, 0.2576, 0.3288)
contains.

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Color

Yxy(75.9348, 0.2575, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	91F2F2
RGB	145, 242, 242
RGB Percent	57%, 95%, 95%
CMY	0.4311, 0.0510, 0.0509
CMYK	0.40, 0.00, 0.00, 0.05
HSL	180°, 79%, 76%
HSV	180°, 40%, 95%
XYZ	59.4684, 75.9348, 95.5421
YIQ	212.9970, -57.8120, -20.5640

Conversions

Conversions Part 2

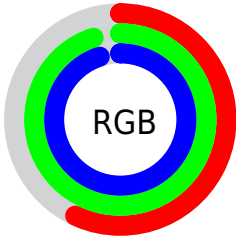
Format	Color
R_{YB}	145, 194, 242
Decimal	9564914
CIE _{Lab}	89.83, -28.51, -9.01
CIE _{LCh}	90, 29.902, 197.536
Yxy	75.9348, 0.2575, 0.3288
Android (android.graphics.Color)	4287754994 (0xFF91F2F2)
YUV	212.9970, 14.2985, -59.6334
Hunter-Lab	87.1406, -30.6801, -4.0079

Details

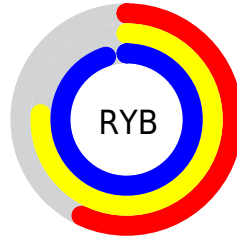
The Yxy color **75.9348, 0.2575, 0.3288** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **41.2122, 0.4146, 0.3293**, and the grayscale version is **66.4830, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **40.6892, 0.2453, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **73.9624, 0.2473, 0.3288**, and if you desaturate by 10%, it is **78.3815, 0.2694, 0.3288**.

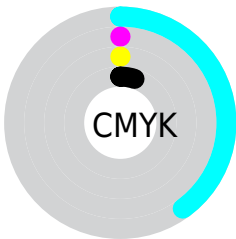
Distribution



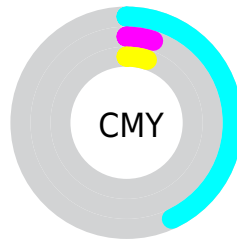
- Red (57%)
- Green (95%)
- Blue (95%)



- Red (57%)
- Yellow (76%)
- Blue (95%)



- Cyan (40%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)





- Cyan (43%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9348, 0.2575, 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 75.9348, 0.2575, 0.3288 by changing the saturation by 10% instead.


 75.9348, 0.2575,
0.3288

 75.9348, 0.2575,
0.3288

481.1245, 0.2824,
0.3294

 56.3790, 0.2520,
0.3285


 127.6347, 0.2660,
0.3291

 40.5069, 0.2452,
0.3282

 160.5477, 0.2694,
0.3292

 27.9340, 0.2368,
0.3276


198.6819, 0.2723,
0.3293

 18.2759, 0.2260,
0.3267

242.4216, 0.2748,
0.3293

 11.1483, 0.2117,
0.3252

292.1514, 0.2771,
0.3294

 6.1666, 0.1920,
0.3225

348.2555, 0.2790,

 2.9467, 0.1634,

0.3294

411.1184, 0.2808,
0.3294

0.3171

1.1040, 0.0958,
0.3126

0.0000, 0.0000,
0.0000

75.9348, 0.2575,
0.3288

75.9348, 0.2575,
0.3288

73.9624, 0.2473,
0.3288

78.3815, 0.2694,
0.3288

72.4254, 0.2391,
0.3287

81.3209, 0.2827,
0.3289


71.2933, 0.2327,
0.3287


84.7813, 0.2972,
0.3289


70.5279, 0.2284,
0.3287


88.7862, 0.3126,
0.3290


 70.0834, 0.2258,
0.3287


 91.1932, 0.3212,
0.3290

 69.8839, 0.2246,
0.3286

 91.1976, 0.3212,
0.3290

 91.2021, 0.3212,
0.3290

 91.2066, 0.3212,
0.3291

 91.2111, 0.3212,
0.3291

Harmonies

Analogous

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



75.9348, 0.2827, 0.3627



75.9348, 0.2575, 0.3288



75.9348, 0.2467, 0.2973

Triad

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



75.9348, 0.2575, 0.3288



75.9348, 0.3053, 0.2788



75.9348, 0.3760, 0.3793

Complementary

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



75.9348, 0.2575, 0.3288



41.2122, 0.4146, 0.3293

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.



75.9348, 0.3835, 0.3543



75.9348, 0.2575, 0.3288



75.9348, 0.3414, 0.2982

Square

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



75.9348, 0.2575, 0.3288



75.9348, 0.2731, 0.2709



75.9348, 0.3707, 0.3252



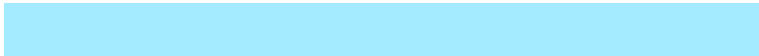
75.9348, 0.3512, 0.3923

Rectangle

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



75.9348, 0.2575, 0.3288



75.9348, 0.2486, 0.2822



75.9348, 0.3707, 0.3252



75.9348, 0.3807, 0.3719

Sweetspot

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



75.9378, 0.2575, 0.3288



94.6452, 0.2943, 0.3289



71.5905, 0.3069, 0.4524



20.1447, 0.2923, 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.



75.9378, 0.2575, 0.3288



83.6698, 0.2492, 0.3288



50.8228, 0.2481, 0.2688



17.9281, 0.2981, 0.3290



37.5353, 0.2246, 0.3286



3.1229, 0.2246, 0.3287

Inverse Universe

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



45.5664, 0.3174, 0.2303



45.1433, 0.3182, 0.2125



59.3115, 0.3924, 0.3819



16.0314, 0.3138, 0.3057



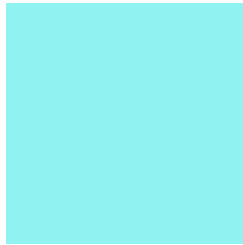
13.5826, 0.3210, 0.1542



1.1300, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 75.9348, 0.2575, 0.3288 looks on a white background.

Color Contrast Check

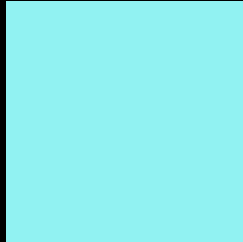
Large Text (above 18pt) WCAG AA × Fail

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 75.9348, 0.2575, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

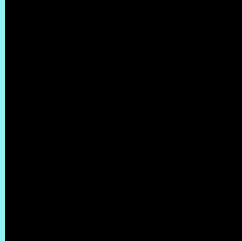
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.9348, 0.2575, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 75.9348, 0.2575, 0.3288.

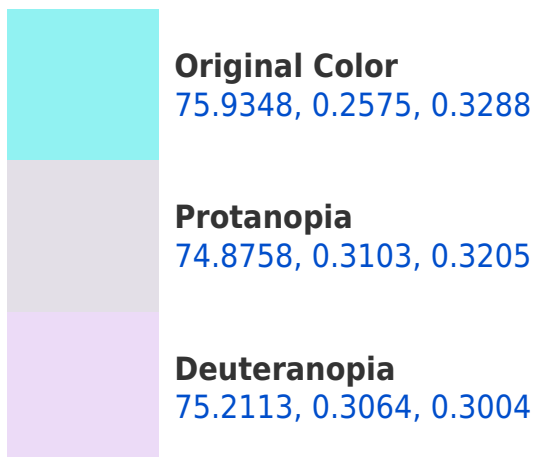


This preview shows how white text looks on a background with the Yxy color 75.9348, 0.2575, 0.3288.

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





Tritanopia

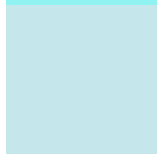
75.9461, 0.2583, 0.3097

Trichromacy



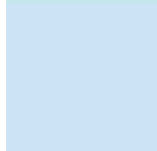
Original Color

75.9348, 0.2575, 0.3288



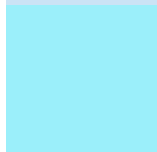
Protanomaly

74.4621, 0.2880, 0.3234



Deuteranomaly

74.2273, 0.2859, 0.3094



Tritanomaly

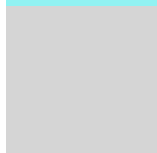
75.6037, 0.2579, 0.3163

Monochromacy



Original Color

75.9348, 0.2575, 0.3288



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

69.3845, 0.2885, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9348, 0.2575, 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(145, 242, 242)` looks like.

```
.text, #text, p{  
    color:rgb(145, 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(145, 242, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 242, 242) }
```

Border

The CSS property to change the border of an element to Yxy 75.9348, 0.2575, 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(145, 242, 242) }
```

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

```
.border{ border-color:rgb(145, 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(145, 242, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 242, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 242, 242);  
box-shadow:4px 4px 4px 4px rgb(145, 242,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9348, 0.2575, 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(145, 242, 242) }
```

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

```
.background{ background-color: rgb(145,  
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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