

# Converting Colors

$Yxy(74.8086, 0.2542, 0.3244)$

Have a look what the booklet for  
Yxy(74.8086, 0.2542, 0.3244)  
contains.

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# Color

**Yxy(75.1050, 0.2546, 0.3253)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DF1F4
RGB	141, 241, 244
RGB Percent	55%, 95%, 96%
CMY	0.4467, 0.0549, 0.0431
CMYK	0.42, 0.01, 0.00, 0.04
HSL	182°, 82%, 76%
HSV	182°, 42%, 96%
XYZ	58.7818, 75.1050, 96.9923
YIQ	211.4420, -60.5630, -20.2670

# Conversions

## Conversions Part 2

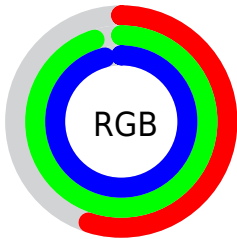
Format	Color
R <sub>Y</sub> B	141, 192, 244
Decimal	9302516
CIE Lab	89.44, -28.50, -10.64
CIE LCh	89, 30.418, 200.475
Yxy	75.1050, 0.2546, 0.3253
Android (android.graphics.Color)	4287492596 (0xFF8DF1F4)
YUV	211.4420, 16.0511, -61.7776
Hunter-Lab	86.6631, -30.5876, -5.6925

# Details

The Yxy color **75.1050, 0.2546, 0.3253** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **41.1434, 0.4213, 0.3326**, and the grayscale version is **65.3872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **40.1226, 0.2416, 0.3242** is the 20% darker color. If you saturate the color by 10%, you get **72.7745, 0.2445, 0.3243**, and if you desaturate by 10%, it is **77.9143, 0.2664, 0.3263**.

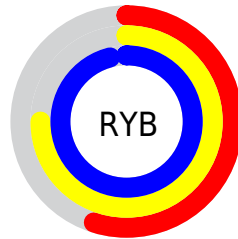
# Distribution



Red (55%)

Green (95%)

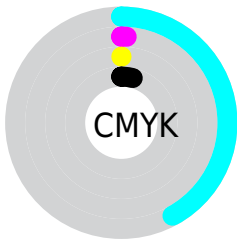
Blue (96%)



Red (55%)

Yellow (75%)

Blue (96%)

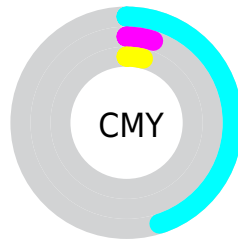


Cyan (42%)

Magenta (1%)

Yellow (0%)

Black (4%)



Cyan (45%)

Magenta (5%)


Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 75.1050, 0.2546, 0.3253 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 75.1050, 0.2546, 0.3253 by changing the saturation by 10% instead.





 75.1050, 0.2546,  
0.3253


 75.1050, 0.2546,  
0.3253


478.2784, 0.2808,  
0.3276

 55.6989, 0.2488,  
0.3246


 126.4610, 0.2636,  
0.3262

 39.9616, 0.2417,  
0.3238


 159.1797, 0.2671,  
0.3265

 27.5086, 0.2328,  
0.3225

197.1047, 0.2701,  
0.3268

 17.9556, 0.2215,  
0.3208

240.6204, 0.2728,  
0.3270

 10.9181, 0.2066,  
0.3181

290.1112, 0.2752,  
0.3272

 6.0118, 0.1860,  
0.3136

345.9616, 0.2773,

 2.8522, 0.1563,

0.3273

408.5558, 0.2791,  
0.3275

0.3054

1.0551, 0.0837,  
0.2966

0.0000, 0.0000,  
0.0000

75.1050, 0.2546,  
0.3253

75.1050, 0.2546,  
0.3253

72.7745, 0.2445,  
0.3243

77.9143, 0.2664,  
0.3263

70.8828, 0.2363,  
0.3233

81.2220, 0.2796,  
0.3272

69.3976, 0.2300,  
0.3223

85.0572, 0.2940,  
0.3280

68.2787, 0.2257,  
0.3213

89.4444, 0.3093,  
0.3288

67.4773, 0.2232,  
0.3204

92.8367, 0.3198,  
0.3296

67.0133, 0.2221,  
0.3196

93.2697, 0.3198,  
0.3303

93.7045, 0.3197,  
0.3309

94.1409, 0.3197,  
0.3316

94.5790, 0.3196,  
0.3323

# Harmonies

## Analogous

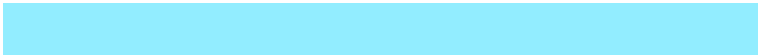
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1050, 0.2790, 0.3603



75.1050, 0.2546, 0.3253



75.1050, 0.2452, 0.2940

# Triad

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



75.1050, 0.2546, 0.3253



75.1050, 0.3087, 0.2793



75.1050, 0.3755, 0.3822

# Complementary

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



75.1050, 0.2546, 0.3253



41.1434, 0.4213, 0.3326

# 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.



75.1050, 0.3852, 0.3576



75.1050, 0.2546, 0.3253



75.1050, 0.3454, 0.3000

# Square

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



75.1050, 0.2546, 0.3253



75.1050, 0.2750, 0.2700



75.1050, 0.3741, 0.3279



75.1050, 0.3488, 0.3940

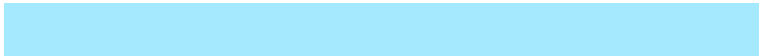


# Rectangle

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



75.1050, 0.2546, 0.3253



75.1050, 0.2482, 0.2795



75.1050, 0.3741, 0.3279



75.1050, 0.3809, 0.3750

# Sweetspot

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



75.1079, 0.2546, 0.3253



93.6269, 0.2928, 0.3280



72.3558, 0.3057, 0.4580



19.8307, 0.2895, 0.3278



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.



75.1079, 0.2546, 0.3253



80.6856, 0.2455, 0.3244



49.3951, 0.2443, 0.2627



18.6694, 0.2981, 0.3283



36.4725, 0.2222, 0.3198



3.2314, 0.2225, 0.3210



# Inverse Universe

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



44.6641, 0.3202, 0.2280



42.8912, 0.3218, 0.2091



59.8644, 0.3969, 0.3865



16.7594, 0.3143, 0.3064



13.7813, 0.3284, 0.1583

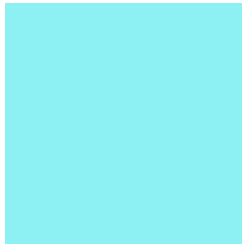


1.2138, 0.3274, 0.1577



# Previews

## White Background



This preview shows how the Yxy color 75.1050, 0.2546, 0.3253 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

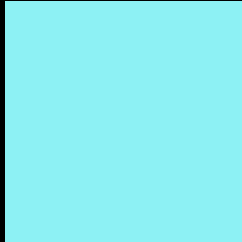
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 75.1050, 0.2546, 0.3253 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

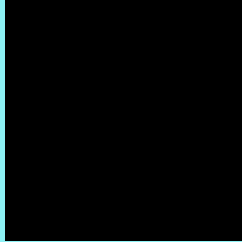
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 75.1050, 0.2546, 0.3253**

## **Background**



This preview shows how black text looks on a background with the Yxy color 75.1050, 0.2546, 0.3253.

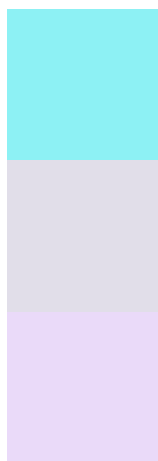


This preview shows how white text looks on a background with the Yxy color 75.1050, 0.2546, 0.3253.

# 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

75.1050, 0.2546, 0.3253

### Protanopia

74.1333, 0.3077, 0.3173

### Deuteranopia

74.4748, 0.3037, 0.2972



## Tritanopia

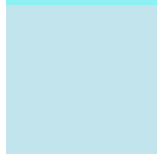
74.7569, 0.2552, 0.3084

# Trichromacy



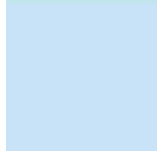
## Original Color

75.1050, 0.2546, 0.3253



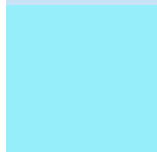
## Protanomaly

73.6224, 0.2850, 0.3200



## Deuteranomaly

73.3875, 0.2828, 0.3061



## Tritanomaly

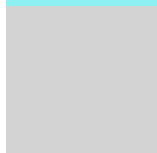
74.5981, 0.2549, 0.3139

# Monochromacy



## Original Color

75.1050, 0.2546, 0.3253



## Achromatopsia

65.1406, 0.3127, 0.3290



## Achromatomaly

68.0094, 0.2877, 0.3278

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 75.1050, 0.2546, 0.3253 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(141, 241, 244)` looks like.

```
.text, #text, p{  
    color:rgb(141, 241, 244)  
}
```

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(141, 241, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 241, 244) }
```

## Border

The CSS property to change the border of an element to Yxy 75.1050, 0.2546, 0.3253 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(141, 241, 244) }
```

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

```
.border{ border-color:rgb(141, 241, 244) }
```

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

Here you see how a box with a 4 pixel rgb(141, 241, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 241, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 241, 244);  
box-shadow:4px 4px 4px 4px rgb(141, 241,  
244) }
```



# Background

The CSS property to change the background color of an element to Yxy 75.1050, 0.2546, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 241, 244) }
```

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

```
.background{ background-color: rgb(141,  
241, 244) }
```

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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