

# Converting Colors

$Yxy(76.1050, 0.2484, 0.3291)$

Have a look what the booklet for  
Yxy(76.1050, 0.2484, 0.3291)  
contains.

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# Color

**Yxy(76.2574, 0.2483, 0.3288)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DF5F5
RGB	125, 245, 245
RGB Percent	49%, 96%, 96%
CMY	0.5100, 0.0392, 0.0392
CMYK	0.49, 0.00, 0.00, 0.04
HSL	180°, 86%, 73%
HSV	180°, 49%, 96%
XYZ	57.5873, 76.2574, 98.0817
YIQ	209.1200, -71.5200, -25.4400

# Conversions

## Conversions Part 2

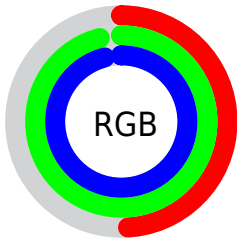
Format	Color
R <sub>Y</sub> B	125, 185, 245
Decimal	8254965
CIE Lab	89.98, -33.71, -10.43
CIE LCh	90, 35.292, 197.195
Yxy	76.2574, 0.2483, 0.3288
Android (android.graphics.Color)	4286445045 (0xFF7DF5F5)
YUV	209.1200, 17.6888, -73.7732
Hunter-Lab	87.3255, -35.1067, -5.4651

# Details

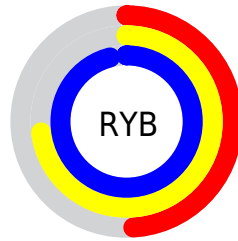
The Yxy color **76.2574, 0.2483, 0.3288** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **35.5518, 0.4511, 0.3294**, and the grayscale version is **63.7549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0543, 0.2726, 0.3289**, and **40.6012, 0.2340, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **74.6382, 0.2398, 0.3288**, and if you desaturate by 10%, it is **78.3372, 0.2586, 0.3288**.

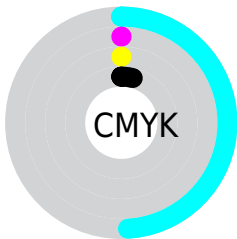
# Distribution



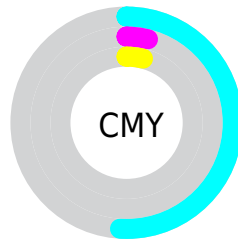
- Red (49%)
- Green (96%)
- Blue (96%)



- Red (49%)
- Yellow (73%)
- Blue (96%)



- Cyan (49%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)




- Cyan (51%)
- Magenta (4%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 76.2574, 0.2483, 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 76.2574, 0.2483, 0.3288 by changing the saturation by 10% instead.




 76.2574, 0.2483,  
0.3288

 76.2574, 0.2483,  
0.3288

482.2284, 0.2772,  
0.3296


 56.6436, 0.2419,  
0.3285


 128.0907, 0.2582,  
0.3292

 40.7192, 0.2341,  
0.3280


 161.0790, 0.2620,  
0.3293

 28.0997, 0.2245,  
0.3272


 199.2942, 0.2654,  
0.3294

 18.4008, 0.2122,  
0.3260

243.1208, 0.2684,  
0.3295

 11.2382, 0.1960,  
0.3240

292.9431, 0.2710,  
0.3295

 6.2273, 0.1741,  
0.3204


349.1455, 0.2733,

 2.9838, 0.1428,


0.3296


412.1125, 0.2754,  
0.3296


0.3133


 1.1233, 0.0623,  
0.3084

 0.0000, 0.0000,  
0.0000


 76.2574, 0.2483,  
0.3288


 76.2574, 0.2483,  
0.3288


 74.6382, 0.2398,  
0.3288


 78.3372, 0.2586,  
0.3288


 73.4367, 0.2333,  
0.3288


 80.8992, 0.2707,  
0.3289

 72.6169, 0.2287,  
0.3287


 83.9745, 0.2842,  
0.3289


 72.1329, 0.2260,  
0.3287


 87.5888, 0.2988,  
0.3290


 71.9155, 0.2247,  
0.3287


 91.7662, 0.3143,  
0.3290

 71.8996, 0.2247,  
0.3287

 93.1690, 0.3192,  
0.3290

 93.1698, 0.3192,  
0.3290

 93.1707, 0.3192,  
0.3290

 93.1715, 0.3192,  
0.3290

# Harmonies

## Analogous

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



76.2574, 0.2777, 0.3695



76.2574, 0.2483, 0.3288



76.2574, 0.2358, 0.2916

# Triad

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



76.2574, 0.2483, 0.3288



76.2574, 0.3033, 0.2704



76.2574, 0.3873, 0.3872

# Complementary

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



76.2574, 0.2483, 0.3288



35.5518, 0.4511, 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.



76.2574, 0.3963, 0.3576



76.2574, 0.2483, 0.3288



76.2574, 0.3459, 0.2927

# Square

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



76.2574, 0.2483, 0.3288



76.2574, 0.2658, 0.2613



76.2574, 0.3809, 0.3237



76.2574, 0.3580, 0.4037

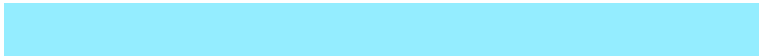


# Rectangle

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



76.2574, 0.2483, 0.3288



76.2574, 0.2379, 0.2741



76.2574, 0.3809, 0.3237



76.2574, 0.3929, 0.3783

# Sweetspot

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



76.2603, 0.2483, 0.3288



93.4520, 0.2899, 0.3289



71.1504, 0.3054, 0.4850



19.8293, 0.2868, 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.



76.2603, 0.2483, 0.3288



81.7106, 0.2397, 0.3288



45.6413, 0.2337, 0.2523



18.7577, 0.2981, 0.3290



38.7281, 0.2247, 0.3287



3.4039, 0.2247, 0.3287



# Inverse Universe

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



40.6637, 0.3183, 0.2105



38.4912, 0.3192, 0.1911



55.5862, 0.4154, 0.3934



16.7683, 0.3138, 0.3057



14.0090, 0.3209, 0.1542

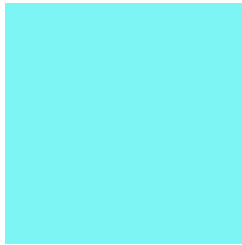


1.2313, 0.3209, 0.1542



# Previews

## White Background



This preview shows how the Yxy color 76.2574, 0.2483, 0.3288 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

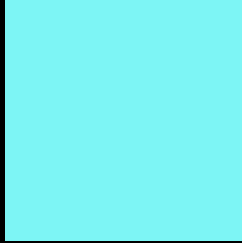
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 76.2574, 0.2483, 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

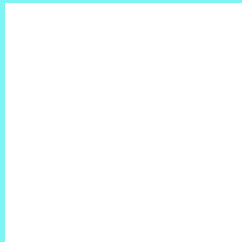
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 76.2574, 0.2483, 0.3288**

## **Background**



This preview shows how black text looks on a background with the Yxy color 76.2574, 0.2483, 0.3288.

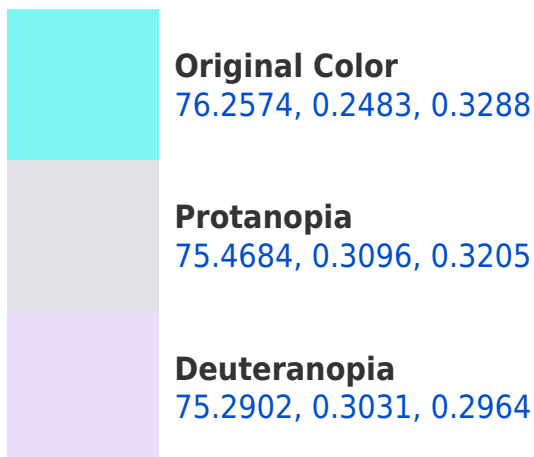


This preview shows how white text looks on a background with the Yxy color 76.2574, 0.2483, 0.3288.

# 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

75.9216, 0.2555, 0.3107

# Trichromacy



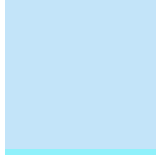
## Original Color

76.2574, 0.2483, 0.3288



## Protanomaly

74.7748, 0.2827, 0.3233



## Deuteranomaly

73.9285, 0.2787, 0.3060



## Tritanomaly

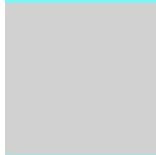
75.8049, 0.2527, 0.3173

# Monochromacy



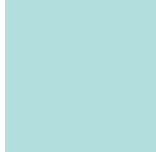
## Original Color

76.2574, 0.2483, 0.3288



## Achromatopsia

63.7597, 0.3127, 0.3290



## Achromatomaly

66.9815, 0.2832, 0.3289

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 76.2574, 0.2483, 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(125, 245, 245)` looks like.

```
.text, #text, p{  
    color:rgb(125, 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(125, 245, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 245, 245) }
```

## Border

The CSS property to change the border of an element to Yxy 76.2574, 0.2483, 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(125, 245, 245) }
```

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

```
.border{ border-color:rgb(125, 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(125, 245, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 245, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 245, 245); box-shadow:4px 4px 4px 4px rgb(125, 245, 245) }
```



# Background

The CSS property to change the background color of an element to Yxy 76.2574, 0.2483, 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(125, 245, 245) }
```

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

```
.background{ background-color: rgb(125,  
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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