

Converting Colors

$Yxy(76.2117, 0.2445, 0.3289)$

Have a look what the booklet for
Yxy(76.2117, 0.2445, 0.3289)
contains.

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Color

Yxy(76.2102, 0.2445, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	73F6F6
RGB	115, 246, 246
RGB Percent	45%, 96%, 96%
CMY	0.5485, 0.0353, 0.0353
CMYK	0.53, 0.00, 0.00, 0.04
HSL	180°, 88%, 71%
HSV	180°, 53%, 96%
XYZ	56.6709, 76.2102, 98.9017
YIQ	206.8310, -78.0760, -27.7720

Conversions

Conversions Part 2

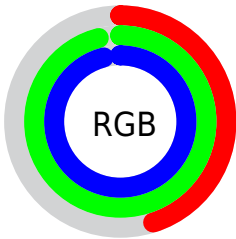
Format	Color
R _Y B	115, 181, 246
Decimal	7599862
CIE Lab	89.96, -35.88, -11.01
CIE LCh	90, 37.527, 197.057
Yxy	76.2102, 0.2445, 0.3288
Android (android.graphics.Color)	4285789942 (0xFF73F6F6)
YUV	206.8310, 19.3103, -80.5358
Hunter-Lab	87.2985, -36.8967, -6.0616

Details

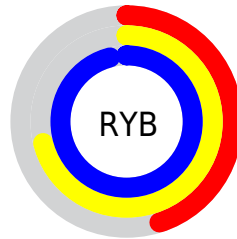
The Yxy color **76.2102, 0.2445, 0.3288** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **33.1229, 0.4700, 0.3295**, and the grayscale version is **62.2148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0871, 0.2686, 0.3289**, and **40.6265, 0.2294, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **74.7598, 0.2368, 0.3288**, and if you desaturate by 10%, it is **78.1114, 0.2541, 0.3288**.

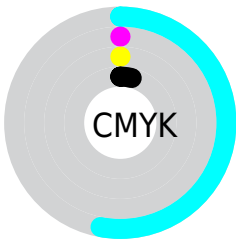
Distribution



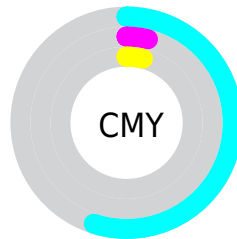
- Red (45%)
- Green (96%)
- Blue (96%)



- Red (45%)
- Yellow (71%)
- Blue (96%)



- Cyan (53%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)





- Cyan (55%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.2102, 0.2445, 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 76.2102, 0.2445, 0.3288 by changing the saturation by 10% instead.


 76.2102, 0.2445,
0.3288


 76.2102, 0.2445,
0.3288


482.0669, 0.2751,
0.3297

 56.6049, 0.2378,
0.3284

 128.0240, 0.2549,
0.3293

 40.6881, 0.2296,
0.3279


 161.0013, 0.2590,
0.3294

 28.0755, 0.2194,
0.3270


 199.2046, 0.2626,
0.3295

 18.3825, 0.2065,
0.3257

243.0185, 0.2657,
0.3296

 11.2250, 0.1896,
0.3234

292.8273, 0.2685,
0.3296

 6.2184, 0.1667,
0.3194

349.0154, 0.2709,

 2.9783, 0.1344,

0.3296

0.3116

411.9671, 0.2731,
0.3297

■ 1.1204, 0.0471,
0.3068

■ 0.0000, 0.0000,
0.0000

■ 76.2102, 0.2445,
0.3288

■ 76.2102, 0.2445,
0.3288

■ 74.7598, 0.2368,
0.3288

■ 78.1114, 0.2541,
0.3288

■ 73.7153, 0.2311,
0.3288


■ 80.4870, 0.2654,
0.3289

■ 73.0377, 0.2274,
0.3288

■ 83.3690, 0.2783,
0.3289


■ 72.6762, 0.2253,
0.3287


■ 86.7845, 0.2925,
0.3289


 72.5595, 0.2247,
0.3287

 90.7584, 0.3077,
0.3290

 93.8198, 0.3185,
0.3290

 93.8198, 0.3185,
0.3290

 93.8198, 0.3185,
0.3290

 93.8199, 0.3185,
0.3290

Harmonies

Analogous

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



76.2102, 0.2755, 0.3724



76.2102, 0.2445, 0.3288



76.2102, 0.2313, 0.2893

Triad

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



76.2102, 0.2445, 0.3288



76.2102, 0.3024, 0.2670



76.2102, 0.3920, 0.3905

Complementary

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



76.2102, 0.2445, 0.3288



33.1229, 0.4700, 0.3295

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.



76.2102, 0.4016, 0.3588



76.2102, 0.2445, 0.3288



76.2102, 0.3478, 0.2904

Square

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



76.2102, 0.2445, 0.3288



76.2102, 0.2627, 0.2574



76.2102, 0.3852, 0.3230



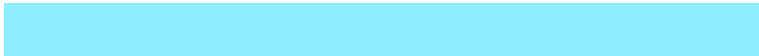
76.2102, 0.3608, 0.4084

Rectangle

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



76.2102, 0.2445, 0.3288



76.2102, 0.2334, 0.2708



76.2102, 0.3852, 0.3230



76.2102, 0.3980, 0.3809

Sweetspot

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



76.2131, 0.2445, 0.3288



93.0662, 0.2884, 0.3289



70.9506, 0.3058, 0.4995



19.7534, 0.2854, 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.



76.2131, 0.2445, 0.3288



81.0048, 0.2362, 0.3288



44.0670, 0.2278, 0.2473



18.7578, 0.2981, 0.3290



38.7324, 0.2247, 0.3287



3.4042, 0.2247, 0.3287

Inverse Universe

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



33.1229, 0.4700, 0.3295



29.6490, 0.5222, 0.3296



52.8238, 0.4281, 0.3961



16.4825, 0.3294, 0.3291



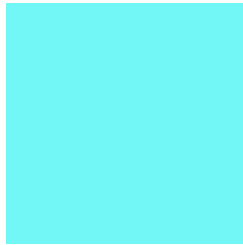
10.4579, 0.6401, 0.3300



0.9191, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 76.2102, 0.2445, 0.3288 looks on a white background.

Color Contrast Check

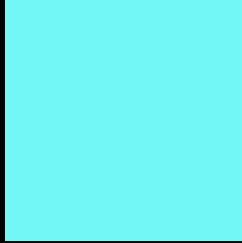
Large Text (above 18pt) WCAG AA × Fail

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 76.2102, 0.2445, 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 76.2102, 0.2445, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 76.2102, 0.2445, 0.3288.

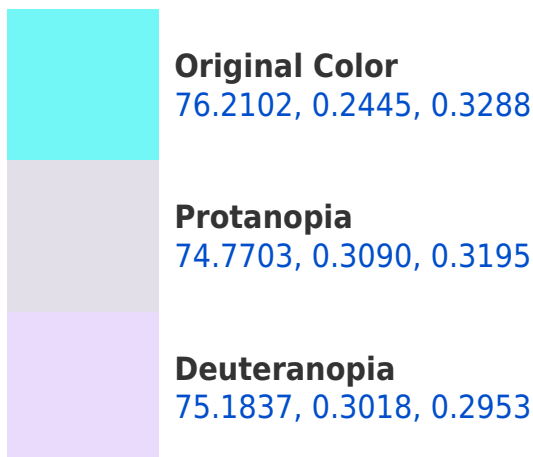


This preview shows how white text looks on a background with the Yxy color 76.2102, 0.2445, 0.3288.

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

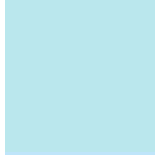
75.6284, 0.2541, 0.3107

Trichromacy



Original Color

76.2102, 0.2445, 0.3288



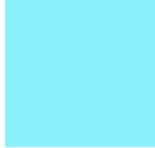
Protanomaly

73.7054, 0.2802, 0.3222



Deuteranomaly

74.0171, 0.2759, 0.3059



Tritanomaly

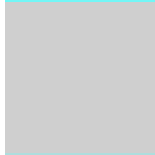
76.0215, 0.2503, 0.3173

Monochromacy



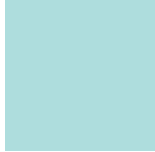
Original Color

76.2102, 0.2445, 0.3288



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

65.9320, 0.2812, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2102, 0.2445, 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(115, 246, 246)` looks like.

```
.text, #text, p{  
    color:rgb(115, 246, 246)  
}
```

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(115, 246, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 246, 246) }
```

Border

The CSS property to change the border of an element to Yxy 76.2102, 0.2445, 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(115, 246, 246) }
```

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

```
.border{ border-color:rgb(115, 246, 246) }
```

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

Here you see how a box with a 4 pixel rgb(115, 246, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 246, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 246, 246);  
box-shadow:4px 4px 4px 4px rgb(115, 246,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2102, 0.2445, 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(115, 246, 246) }
```

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

```
.background{ background-color: rgb(115,  
246, 246) }
```

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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