

Converting Colors

$Yxy(67.4685, 0.2444, 0.3288)$

Have a look what the booklet for
Yxy(67.4685, 0.2444, 0.3288)
contains.

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Color

Yxy(67.3492, 0.2443, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	6CE9E9
RGB	108, 233, 233
RGB Percent	42%, 91%, 91%
CMY	0.5760, 0.0863, 0.0863
CMYK	0.54, 0.00, 0.00, 0.09
HSL	180°, 74%, 67%
HSV	180°, 54%, 91%
XYZ	50.0408, 67.3492, 87.4434
YIQ	195.6250, -74.5000, -26.5000

Conversions

Conversions Part 2

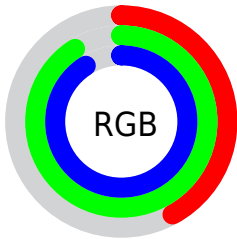
Format	Color
R _Y B	108, 171, 233
Decimal	7137769
CIE Lab	85.68, -34.54, -10.59
CIE LCh	86, 36.127, 197.050
Yxy	67.3492, 0.2443, 0.3288
Android (android.graphics.Color)	4285327849 (0xFF6CE9E9)
YUV	195.6250, 18.4259, -76.8471
Hunter-Lab	82.0666, -34.7746, -5.7279

Details

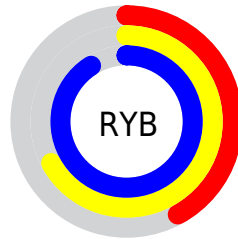
The Yxy color **67.3492, 0.2443, 0.3288** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **29.1598, 0.4711, 0.3295**, and the grayscale version is **54.9065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1750, 0.2647, 0.3289**, and **34.9587, 0.2287, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **66.0789, 0.2367, 0.3288**, and if you desaturate by 10%, it is **69.0151, 0.2538, 0.3288**.

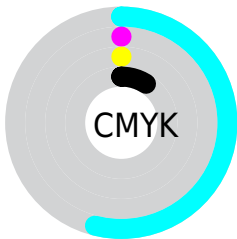
Distribution



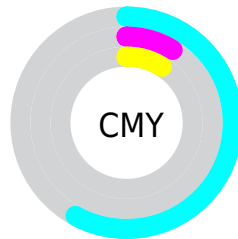
- Red (42%)
- Green (91%)
- Blue (91%)



- Red (42%)
- Yellow (67%)
- Blue (91%)



- Cyan (54%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)




- Cyan (58%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.3492, 0.2443, 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 67.3492, 0.2443, 0.3288 by changing the saturation by 10% instead.


 67.3492, 0.2443,
0.3288


 67.3492, 0.2443,
0.3288


451.1867, 0.2757,
0.3297

 49.3685, 0.2372,
0.3284


 115.4206, 0.2551,
0.3293

 34.9119, 0.2286,
0.3278


 146.2801, 0.2593,
0.3294

 23.5950, 0.2177,
0.3269


 182.2013, 0.2630,
0.3295

 15.0335, 0.2037,
0.3253

223.5686, 0.2662,
0.3296

 8.8429, 0.1850,
0.3227

270.7664, 0.2690,
0.3296

 4.6388, 0.1592,
0.3179

324.1791, 0.2715,

 2.0370, 0.1219,

0.3297

0.3078

384.1911, 0.2737,
0.3297

0.6288, 0.0000,
0.2950

0.0000, 0.0000,
0.0000

67.3492, 0.2443,
0.3288

67.3492, 0.2443,
0.3288

66.0789, 0.2367,
0.3288

69.0151, 0.2538,
0.3288

65.1645, 0.2311,
0.3288


71.0972, 0.2651,
0.3289


64.5720, 0.2273,
0.3288

73.6237, 0.2779,
0.3289


64.2565, 0.2253,
0.3287


76.6183, 0.2920,
0.3289


 64.1555, 0.2247,
0.3287

 80.1029, 0.3071,
0.3290

 84.0982, 0.3229,
0.3290

 85.4158, 0.3278,
0.3290

 85.4159, 0.3278,
0.3290

 85.4159, 0.3278,
0.3290

Harmonies

Analogous

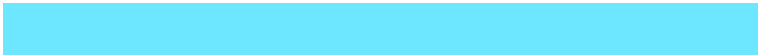
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.3492, 0.2754, 0.3726



67.3492, 0.2443, 0.3288



67.3492, 0.2311, 0.2891

Triad

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



67.3492, 0.2443, 0.3288



67.3492, 0.3023, 0.2668



67.3492, 0.3923, 0.3906

Complementary

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



67.3492, 0.2443, 0.3288



29.1598, 0.4711, 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.



67.3492, 0.4019, 0.3589



67.3492, 0.2443, 0.3288



67.3492, 0.3479, 0.2903

Square

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



67.3492, 0.2443, 0.3288



67.3492, 0.2626, 0.2572



67.3492, 0.3854, 0.3229



67.3492, 0.3609, 0.4087

Rectangle

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



67.3492, 0.2443, 0.3288



67.3492, 0.2332, 0.2706



67.3492, 0.3854, 0.3229



67.3492, 0.3982, 0.3811

Sweetspot

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



67.3518, 0.2443, 0.3288



93.0662, 0.2884, 0.3289



62.6869, 0.3057, 0.5003



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.



67.3518, 0.2443, 0.3288



81.0048, 0.2362, 0.3288



38.8284, 0.2275, 0.2468



17.1219, 0.2981, 0.3290



36.4062, 0.2247, 0.3287



2.8588, 0.2247, 0.3287

Inverse Universe

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



29.1598, 0.4711, 0.3295



29.6490, 0.5222, 0.3296



46.5900, 0.4288, 0.3963



15.0541, 0.3293, 0.3291



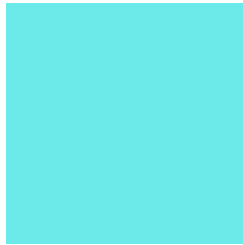
9.8298, 0.6401, 0.3300



0.7719, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 67.3492, 0.2443, 0.3288 looks on a white background.

Color Contrast Check

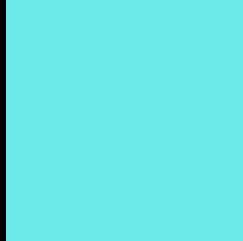
Large Text (above 18pt) WCAG AA × Fail

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 67.3492, 0.2443, 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 67.3492, 0.2443, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 67.3492, 0.2443, 0.3288.

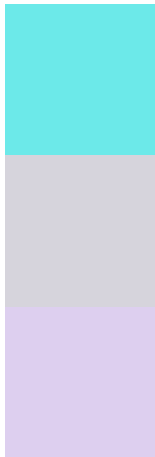


This preview shows how white text looks on a background with the Yxy color 67.3492, 0.2443, 0.3288.

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

67.3492, 0.2443, 0.3288

Protanopia

66.5504, 0.3087, 0.3201

Deuteranopia

66.2298, 0.3012, 0.2946



Tritanopia

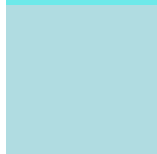
67.5688, 0.2391, 0.3070

Trichromacy



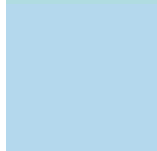
Original Color

67.3492, 0.2443, 0.3288



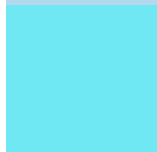
Protanomaly

65.8527, 0.2800, 0.3230



Deuteranomaly

64.9295, 0.2752, 0.3046



Tritanomaly

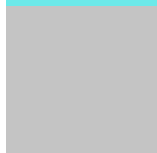
67.6290, 0.2411, 0.3153

Monochromacy



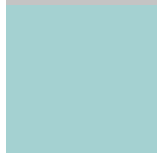
Original Color

67.3492, 0.2443, 0.3288



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

58.0969, 0.2809, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3492, 0.2443, 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(108, 233, 233)` looks like.

```
.text, #text, p{  
    color:rgb(108, 233, 233)  
}
```

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(108, 233, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 233, 233) }
```

Border

The CSS property to change the border of an element to Yxy 67.3492, 0.2443, 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(108, 233, 233) }
```

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

```
.border{ border-color:rgb(108, 233, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 233, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 233, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 233, 233);  
box-shadow:4px 4px 4px 4px rgb(108, 233,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3492, 0.2443, 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(108, 233, 233) }
```

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

```
.background{ background-color: rgb(108,  
233, 233) }
```

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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