

Converting Colors

$Yxy(66.0585, 0.2584, 0.3215)$

Have a look what the booklet for
Yxy(66.0585, 0.2584, 0.3215)
contains.

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Color

Yxy(66.0585, 0.2584, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	8FE2E8
RGB	143, 226, 232
RGB Percent	56%, 89%, 91%
CMY	0.4392, 0.1137, 0.0901
CMYK	0.38, 0.03, 0.00, 0.09
HSL	184°, 66%, 74%
HSV	184°, 38%, 91%
XYZ	53.0934, 66.0585, 86.3178
YIQ	201.8670, -51.3940, -15.7300

Conversions

Conversions Part 2

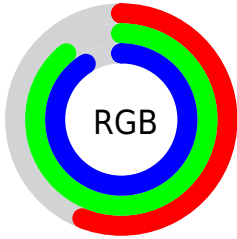
Format	Color
RYB	143, 186, 232
Decimal	9429736
CIELab	85.03, -23.67, -10.92
CIELCh	85, 26.069, 204.760
Yxy	66.0585, 0.2584, 0.3215
Android (android.graphics.Color)	4287619816 (0xFF8FE2E8)
YUV	201.8670, 14.8556, -51.6264
Hunter-Lab	81.2764, -25.6295, -6.0742

Details

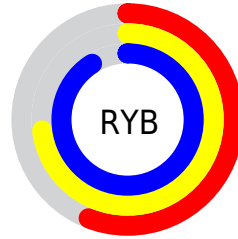
The Yxy color **66.0585, 0.2584, 0.3215** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **40.6515, 0.4053, 0.3362**, and the grayscale version is **58.9084, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **33.9103, 0.2459, 0.3190** is the 20% darker color. If you saturate the color by 10%, you get **63.3489, 0.2473, 0.3193**, and if you desaturate by 10%, it is **69.2093, 0.2711, 0.3236**.

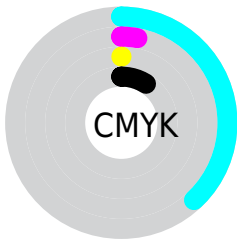
Distribution



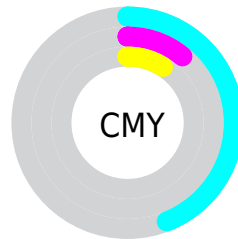
- Red (56%)
- Green (89%)
- Blue (91%)



- Red (56%)
- Yellow (73%)
- Blue (91%)



- Cyan (38%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)





- Cyan (44%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0585, 0.2584, 0.3215 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 66.0585, 0.2584, 0.3215 by changing the saturation by 10% instead.


 66.0585, 0.2584,
0.3215


 66.0585, 0.2584,
0.3215


446.5861, 0.2835,
0.3256

 48.3199, 0.2527,
0.3204


 113.5703, 0.2671,
0.3230

 34.0803, 0.2456,
0.3190


 144.1123, 0.2705,
0.3236

 22.9553, 0.2368,
0.3171


179.6908, 0.2734,
0.3241

 14.5605, 0.2252,
0.3144

220.6903, 0.2759,
0.3245

 8.5115, 0.2096,
0.3104

267.4952, 0.2782,
0.3248

 4.4240, 0.1876,
0.3037

320.4899, 0.2802,

 1.9134, 0.1544,

0.3251

0.2915

380.0587, 0.2819,
0.3253

0.5564, 0.0000,
0.2803

0.0000, 0.0000,
0.0000

66.0585, 0.2584,
0.3215

66.0585, 0.2584,
0.3215

63.3489, 0.2473,
0.3193

69.2093, 0.2711,
0.3236

61.0463, 0.2378,
0.3170

72.8180, 0.2850,
0.3257

59.1235, 0.2303,
0.3147

76.9096, 0.2998,
0.3275

57.5469, 0.2248,
0.3123

81.5052, 0.3153,
0.3293

■ 56.2769, 0.2211,
0.3100

■ 85.8534, 0.3283,
0.3308

■ 55.2564, 0.2190,
0.3078

■ 86.7516, 0.3281,
0.3324

■ 55.1001, 0.2187,
0.3074

■ 87.6578, 0.3280,
0.3339

■ 88.5720, 0.3278,
0.3355

■ 89.4942, 0.3277,
0.3370

Harmonies

Analogous

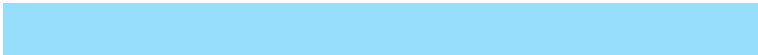
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.0585, 0.2788, 0.3527



66.0585, 0.2584, 0.3215



66.0585, 0.2520, 0.2946

Triad

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



66.0585, 0.2584, 0.3215



66.0585, 0.3140, 0.2863



66.0585, 0.3664, 0.3792

Complementary

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



66.0585, 0.2584, 0.3215



40.6515, 0.4053, 0.3362

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.



66.0585, 0.3774, 0.3586



66.0585, 0.2584, 0.3215



66.0585, 0.3464, 0.3063

Square

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



66.0585, 0.2584, 0.3215



66.0585, 0.2828, 0.2763



66.0585, 0.3700, 0.3321



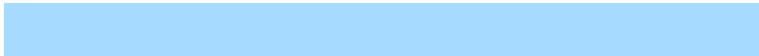
66.0585, 0.3409, 0.3871

Rectangle

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



66.0585, 0.2584, 0.3215



66.0585, 0.2561, 0.2826



66.0585, 0.3700, 0.3321



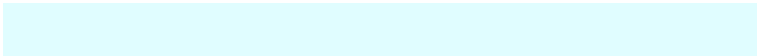
66.0585, 0.3719, 0.3734

Sweetspot

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



66.0611, 0.2584, 0.3215



93.3358, 0.2942, 0.3269



65.7389, 0.3040, 0.4381



19.8342, 0.2923, 0.3266



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.



66.0611, 0.2584, 0.3215



79.1523, 0.2495, 0.3198



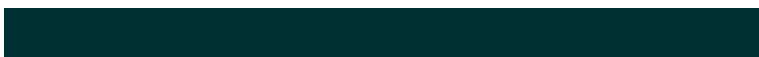
44.9543, 0.2498, 0.2640



16.1604, 0.2982, 0.3273



30.6556, 0.2188, 0.3078



2.3159, 0.2198, 0.3111

Inverse Universe

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



42.2993, 0.3225, 0.2400



46.0697, 0.3248, 0.2230



57.4854, 0.3855, 0.3859



14.5975, 0.3148, 0.3074



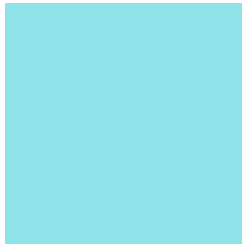
12.2924, 0.3386, 0.1639



0.9135, 0.3358, 0.1623

Previews

White Background



This preview shows how the Yxy color 66.0585, 0.2584, 0.3215 looks on a white background.

Color Contrast Check

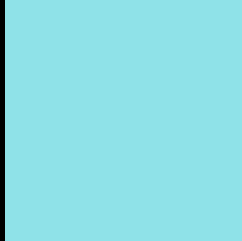
Large Text (above 18pt) WCAG AA × Fail

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 66.0585, 0.2584, 0.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

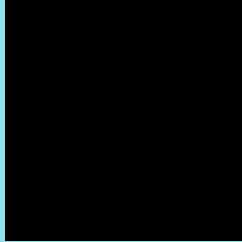
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.0585, 0.2584, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 66.0585, 0.2584, 0.3215.

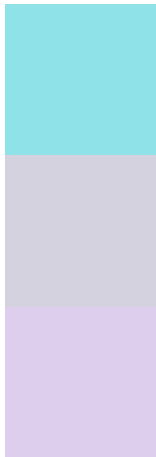


This preview shows how white text looks on a background with the Yxy color 66.0585, 0.2584, 0.3215.

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

66.0585, 0.2584, 0.3215

Protanopia

65.3642, 0.3060, 0.3156

Deuteranopia

65.4144, 0.3025, 0.2965



Tritanopia

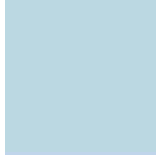
65.8331, 0.2546, 0.3073

Trichromacy



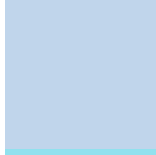
Original Color

66.0585, 0.2584, 0.3215



Protanomaly

65.1675, 0.2862, 0.3173



Deuteranomaly

64.7931, 0.2839, 0.3039



Tritanomaly

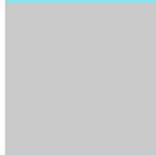
66.0432, 0.2563, 0.3132

Monochromacy



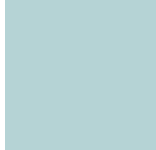
Original Color

66.0585, 0.2584, 0.3215



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

61.2164, 0.2900, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0585, 0.2584, 0.3215 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(143, 226, 232)` looks like.

```
.text, #text, p{  
    color:rgb(143, 226, 232)  
}
```

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(143, 226, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 226, 232) }
```

Border

The CSS property to change the border of an element to Yxy 66.0585, 0.2584, 0.3215 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(143, 226, 232) }
```

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

```
.border{ border-color:rgb(143, 226, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 226, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 226, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 226, 232);  
box-shadow:4px 4px 4px 4px rgb(143, 226,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0585, 0.2584, 0.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 226, 232) }
```

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

```
.background{ background-color: rgb(143,  
226, 232) }
```

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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