

Converting Colors

$Yxy(65.3113, 0.2598, 0.3293)$

Have a look what the booklet for
Yxy(65.3113, 0.2598, 0.3293)
contains.

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Color

Yxy(65.3727, 0.2594, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	8BE2E2
RGB	139, 226, 226
RGB Percent	55%, 89%, 89%
CMY	0.4549, 0.1137, 0.1136
CMYK	0.39, 0.00, 0.00, 0.11
HSL	180°, 60%, 72%
HSV	180°, 39%, 89%
XYZ	51.5744, 65.3727, 81.8749
YIQ	199.9870, -51.8520, -18.4440

Conversions

Conversions Part 2

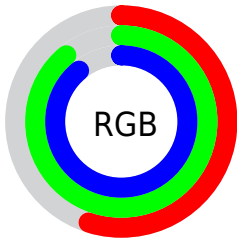
Format	Color
R_{YB}	139, 183, 226
Decimal	9167586
CIE _{Lab}	84.68, -26.13, -8.29
CIE _{LCh}	85, 27.410, 197.608
Yxy	65.3727, 0.2594, 0.3288
Android (android.graphics.Color)	4287357666 (0xFF8BE2E2)
YUV	199.9870, 12.8244, -53.4856
Hunter-Lab	80.8534, -27.6325, -3.4417

Details

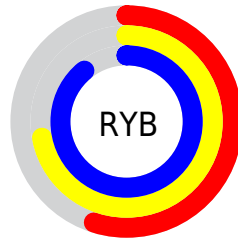
The Yxy color **65.3727, 0.2594, 0.3288** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.5132, 0.4083, 0.3293**, and the grayscale version is **57.6963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4758, 0.2784, 0.3289**, and **33.4836, 0.2463, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **63.6219, 0.2490, 0.3288**, and if you desaturate by 10%, it is **67.5309, 0.2715, 0.3289**.

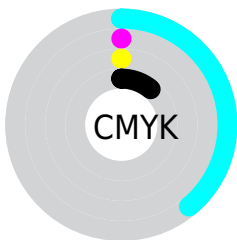
Distribution



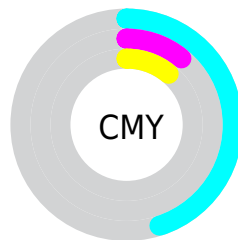
- Red (55%)
- Green (89%)
- Blue (89%)



- Red (55%)
- Yellow (72%)
- Blue (89%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)




- Cyan (45%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.3727, 0.2594, 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 65.3727, 0.2594, 0.3288 by changing the saturation by 10% instead.


 65.3727, 0.2594,
0.3288

 65.3727, 0.2594,
0.3288


444.1301, 0.2842,
0.3294

 47.7634, 0.2537,
0.3285


 112.5855, 0.2680,
0.3291

 33.6395, 0.2468,
0.3282


 142.9578, 0.2713,
0.3292

 22.6168, 0.2379,
0.3276


178.3531, 0.2742,
0.3293

 14.3108, 0.2264,
0.3266

219.1560, 0.2767,
0.3293

 8.3372, 0.2107,
0.3249

265.7507, 0.2789,
0.3293

 4.3114, 0.1884,
0.3217

318.5217, 0.2809,

 1.8493, 0.1546,

0.3294

0.3148

377.8533, 0.2826,
0.3294

0.5176, 0.0000,
0.3095

0.0000, 0.0000,
0.0000

65.3727, 0.2594,
0.3288

65.3727, 0.2594,
0.3288

63.6219, 0.2490,
0.3288

67.5309, 0.2715,
0.3289

62.2458, 0.2404,
0.3287


70.1115, 0.2850,
0.3289

61.2191, 0.2337,
0.3287

73.1384, 0.2996,
0.3290

60.5104, 0.2290,
0.3287

76.6311, 0.3151,
0.3290

 60.0824, 0.2261,
0.3286


 80.6082, 0.3310,
0.3291


 59.8802, 0.2248,
0.3286

 81.1742, 0.3332,
0.3291

 59.8577, 0.2246,
0.3286

 81.1788, 0.3332,
0.3291

 81.1835, 0.3332,
0.3291

 81.1881, 0.3332,
0.3291

Harmonies

Analogous

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



65.3727, 0.2838, 0.3614



65.3727, 0.2594, 0.3288



65.3727, 0.2490, 0.2985

Triad

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



65.3727, 0.2594, 0.3288



65.3727, 0.3057, 0.2805



65.3727, 0.3737, 0.3776

Complementary

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



65.3727, 0.2594, 0.3288



36.5132, 0.4083, 0.3293

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.



65.3727, 0.3809, 0.3536



65.3727, 0.2594, 0.3288



65.3727, 0.3405, 0.2993

Square

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



65.3727, 0.2594, 0.3288



65.3727, 0.2745, 0.2729



65.3727, 0.3686, 0.3254



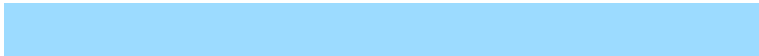
65.3727, 0.3498, 0.3899

Rectangle

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



65.3727, 0.2594, 0.3288



65.3727, 0.2508, 0.2839



65.3727, 0.3686, 0.3254



65.3727, 0.3782, 0.3705

Sweetspot

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



65.3753, 0.2594, 0.3288



94.6439, 0.2943, 0.3289



61.7644, 0.3072, 0.4463



20.1444, 0.2923, 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.



65.3753, 0.2594, 0.3288



84.0894, 0.2511, 0.3288



44.6500, 0.2509, 0.2718



15.5714, 0.2982, 0.3289



34.1376, 0.2246, 0.3286



2.3665, 0.2246, 0.3286

Inverse Universe

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



40.1307, 0.3172, 0.2343



46.5681, 0.3180, 0.2167



51.7065, 0.3882, 0.3796



13.9356, 0.3138, 0.3059



12.3543, 0.3210, 0.1542



0.8564, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 65.3727, 0.2594, 0.3288 looks on a white background.

Color Contrast Check

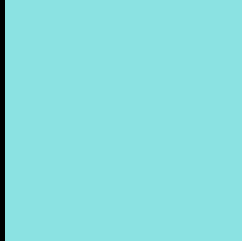
Large Text (above 18pt) WCAG AA × Fail

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 65.3727, 0.2594, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

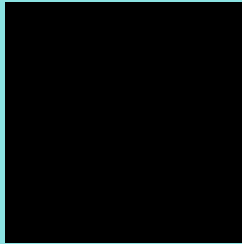
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.3727, 0.2594, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 65.3727, 0.2594, 0.3288.

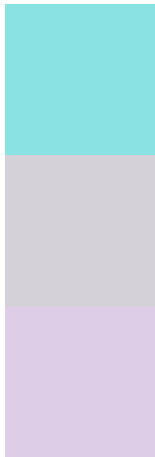


This preview shows how white text looks on a background with the Yxy color 65.3727, 0.2594, 0.3288.

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

65.3727, 0.2594, 0.3288

Protanopia

64.5558, 0.3101, 0.3211

Deuteranopia

64.8043, 0.3066, 0.3007



Tritanopia

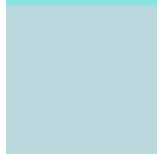
65.5618, 0.2531, 0.3072

Trichromacy



Original Color

65.3727, 0.2594, 0.3288



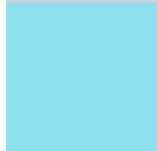
Protanomaly

64.0825, 0.2885, 0.3230



Deuteranomaly

64.3220, 0.2868, 0.3105



Tritanomaly

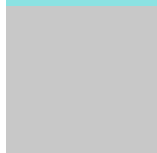
65.6573, 0.2557, 0.3155

Monochromacy



Original Color

65.3727, 0.2594, 0.3288



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

59.6694, 0.2903, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3727, 0.2594, 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(139, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(139, 226, 226)  
}
```

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(139, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 226, 226) }
```

Border

The CSS property to change the border of an element to Yxy 65.3727, 0.2594, 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(139, 226, 226) }
```

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

```
.border{ border-color:rgb(139, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(139, 226,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3727, 0.2594, 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(139, 226, 226) }
```

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

```
.background{ background-color: rgb(139,  
226, 226) }
```

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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