

Converting Colors

$Yxy(65.6954, 0.2649, 0.3268)$

Have a look what the booklet for
Yxy(65.6954, 0.2649, 0.3268)
contains.

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Color

Yxy(65.8254, 0.2649, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	96E1E2
RGB	150, 225, 226
RGB Percent	59%, 88%, 89%
CMY	0.4120, 0.1176, 0.1136
CMYK	0.34, 0.00, 0.00, 0.11
HSL	181°, 57%, 74%
HSV	181°, 34%, 89%
XYZ	53.2269, 65.8254, 81.8799
YIQ	202.6890, -45.0210, -15.5890

Conversions

Conversions Part 2

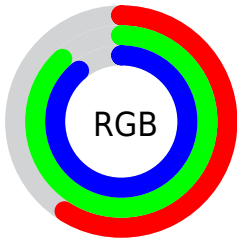
Format	Color
R_{YB}	150, 188, 226
Decimal	9888226
CIE _{Lab}	84.91, -22.82, -7.90
CIE _{LCh}	85, 24.142, 199.088
Yxy	65.8254, 0.2649, 0.3276
Android (android.graphics.Color)	4288078306 (0xFF96E1E2)
YUV	202.6890, 11.4923, -46.2083
Hunter-Lab	81.1329, -24.8781, -3.0429

Details

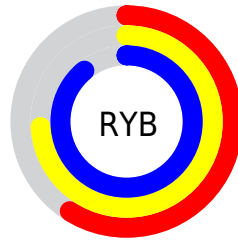
The Yxy color **65.8254, 0.2649, 0.3276** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.5017, 0.3911, 0.3305**, and the grayscale version is **59.4593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0054, 0.2844, 0.3289**, and **34.1226, 0.2536, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **63.7220, 0.2535, 0.3271**, and if you desaturate by 10%, it is **68.3479, 0.2778, 0.3280**.

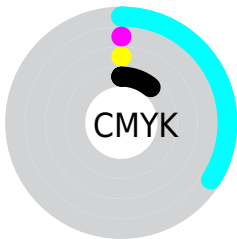
Distribution



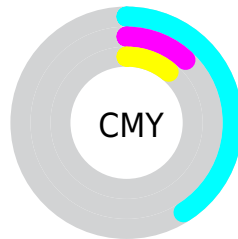
- Red (59%)
- Green (88%)
- Blue (89%)



- Red (59%)
- Yellow (74%)
- Blue (89%)



- Cyan (34%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)




- Cyan (41%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.8254, 0.2649, 0.3276 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 65.8254, 0.2649, 0.3276 by changing the saturation by 10% instead.

 65.8254, 0.2649,
0.3276


 65.8254, 0.2649,
0.3276

445.7522, 0.2871,
0.3287

 48.1307, 0.2598,
0.3273


 113.2357, 0.2726,
0.3280

 33.9304, 0.2535,
0.3268


 143.7201, 0.2756,
0.3282

 22.8401, 0.2456,
0.3261


179.2364, 0.2782,
0.3283

 14.4755, 0.2352,
0.3250

220.1692, 0.2804,
0.3284

 8.4521, 0.2210,
0.3232

266.9028, 0.2824,
0.3285

 4.3856, 0.2008,
0.3201

319.8215, 0.2842,

 1.8915, 0.1696,

0.3286

0.3136

379.3099, 0.2857,
0.3286

0.5433, 0.0000,
0.3199

0.0000, 0.0000,
0.0000

65.8254, 0.2649,
0.3276

65.8254, 0.2649,
0.3276

63.7220, 0.2535,
0.3271

68.3479, 0.2778,
0.3280

62.0059, 0.2439,
0.3267

71.3035, 0.2919,
0.3285

60.6535, 0.2361,
0.3262

74.7154, 0.3070,
0.3289

59.6352, 0.2303,
0.3257

78.6026, 0.3227,
0.3292

■ 58.9168, 0.2264,
0.3253

■ 81.4406, 0.3331,
0.3296

■ 58.4569, 0.2242,
0.3249

■ 81.6078, 0.3331,
0.3299

■ 58.2572, 0.2235,
0.3246

■ 81.7753, 0.3330,
0.3302

■ 81.9431, 0.3330,
0.3305

■ 82.1112, 0.3330,
0.3308

Harmonies

Analogous

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



65.8254, 0.2860, 0.3560



65.8254, 0.2649, 0.3276



65.8254, 0.2563, 0.3013

Triad

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



65.8254, 0.2649, 0.3276



65.8254, 0.3082, 0.2866



65.8254, 0.3656, 0.3728

Complementary

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



65.8254, 0.2649, 0.3276



40.5017, 0.3911, 0.3305

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.



65.8254, 0.3727, 0.3523



65.8254, 0.2649, 0.3276



65.8254, 0.3386, 0.3038

Square

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



65.8254, 0.2649, 0.3276



65.8254, 0.2803, 0.2794



65.8254, 0.3627, 0.3273



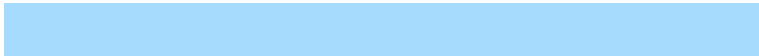
65.8254, 0.3442, 0.3826

Rectangle

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



65.8254, 0.2649, 0.3276



65.8254, 0.2584, 0.2886



65.8254, 0.3627, 0.3273



65.8254, 0.3698, 0.3668

Sweetspot

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



65.8280, 0.2649, 0.3276



95.2602, 0.2973, 0.3286



63.0942, 0.3080, 0.4292



20.2577, 0.2952, 0.3286



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.



65.8280, 0.2649, 0.3276



84.6339, 0.2572, 0.3273



47.9361, 0.2588, 0.2801



15.5388, 0.2982, 0.3286



33.2375, 0.2235, 0.3247



2.3142, 0.2237, 0.3253

Inverse Universe

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



43.4079, 0.3175, 0.2467



51.1738, 0.3185, 0.2313



54.3395, 0.3767, 0.3731



13.9323, 0.3140, 0.3062



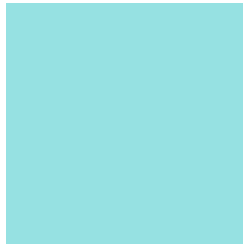
12.2634, 0.3243, 0.1560



0.8511, 0.3238, 0.1557

Previews

White Background



This preview shows how the Yxy color 65.8254, 0.2649, 0.3276 looks on a white background.

Color Contrast Check

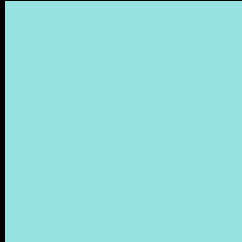
Large Text (above 18pt) WCAG AA × Fail

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 65.8254, 0.2649, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

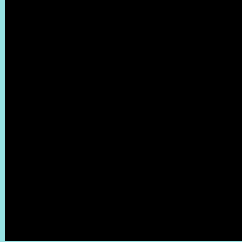
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

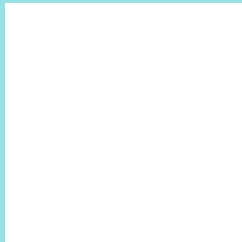
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8254, 0.2649, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 65.8254, 0.2649, 0.3276.



This preview shows how white text looks on a background with the Yxy color 65.8254, 0.2649, 0.3276.

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

65.8254, 0.2649, 0.3276

Protanopia

65.2491, 0.3101, 0.3211

Deuteranopia

65.0638, 0.3088, 0.3019



Tritanopia

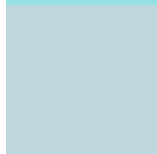
65.9963, 0.2590, 0.3075

Trichromacy



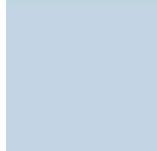
Original Color

65.8254, 0.2649, 0.3276



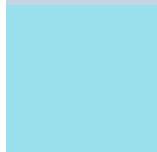
Protanomaly

64.7153, 0.2918, 0.3231



Deuteranomaly

64.4799, 0.2902, 0.3095



Tritanomaly

66.1397, 0.2612, 0.3145

Monochromacy



Original Color

65.8254, 0.2649, 0.3276



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

61.4820, 0.2933, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8254, 0.2649, 0.3276 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(150, 225, 226)` looks like.

```
.text, #text, p{  
    color:rgb(150, 225, 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(150, 225, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 225, 226) }
```

Border

The CSS property to change the border of an element to Yxy 65.8254, 0.2649, 0.3276 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(150, 225, 226) }
```

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

```
.border{ border-color:rgb(150, 225, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 225, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 225, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 225, 226);  
box-shadow:4px 4px 4px 4px rgb(150, 225,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8254, 0.2649, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 225, 226) }
```

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

```
.background{ background-color: rgb(150,  
225, 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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