

Converting Colors

$Yxy(66.4461, 0.2754, 0.3263)$

Have a look what the booklet for
Yxy(66.4461, 0.2754, 0.3263)
contains.

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Color

Yxy(66.5364, 0.2754, 0.3265)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A8DFE1 |
| RGB | 168, 223, 225 |
| RGB Percent | 66%, 87%, 88% |
| CMY | 0.3413, 0.1255, 0.1176 |
| CMYK | 0.25, 0.01, 0.00, 0.12 |
| HSL | 182°, 49%, 77% |
| HSV | 182°, 25%, 88% |
| XYZ | 56.1229, 66.5364, 81.1275 |
| YIQ | 206.7830, -33.4220, -11.0380 |

Conversions

Conversions Part 2

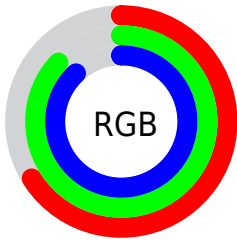
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 168, 196, 225 |
| Decimal | 11067361 |
| CIE _{Lab} | 85.27, -17.03, -6.71 |
| CIE _{LCh} | 85, 18.308, 201.509 |
| Yxy | 66.5364, 0.2754, 0.3265 |
| Android (android.graphics.Color) | 4289257441 (0xFFA8DFE1) |
| YUV | 206.7830, 8.9810, -34.0127 |
| Hunter-Lab | 81.5698, -19.9330, -1.8696 |

Details

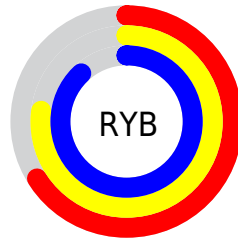
The Yxy color **66.5364, 0.2754, 0.3265** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.5755, 0.3658, 0.3315**, and the grayscale version is **62.2053, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **34.4850, 0.2663, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **63.8585, 0.2626, 0.3254**, and if you desaturate by 10%, it is **69.6489, 0.2894, 0.3275**.

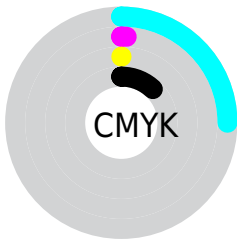
Distribution



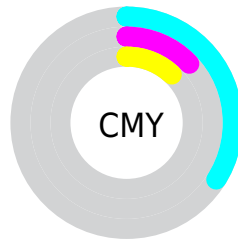
- Red (66%)
- Green (87%)
- Blue (88%)



- Red (66%)
- Yellow (77%)
- Blue (88%)



- Cyan (25%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



- Cyan (34%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5364, 0.2754, 0.3265 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 66.5364, 0.2754, 0.3265 by changing the saturation by 10% instead.

66.5364, 0.2754,
0.3265

66.5364, 0.2754,
0.3265

448.2928, 0.2928,
0.3279

48.7080, 0.2714,
0.3261

114.2559, 0.2814,
0.3270

34.3879, 0.2665,
0.3256

144.9157, 0.2838,
0.3272

23.1917, 0.2602,
0.3249

180.6214, 0.2858,
0.3274

14.7351, 0.2520,
0.3238

221.7575, 0.2876,
0.3275

8.6337, 0.2408,
0.3222

268.7083, 0.2891,
0.3277

4.5031, 0.2245,
0.3195

321.8581, 0.2905,

1.9588, 0.1992,

0.3278

381.5915, 0.2917,
0.3279

0.3143

0.5833, 0.0756,
0.3182

0.0000, 0.0000,
0.0000

66.5364, 0.2754,
0.3265

66.5364, 0.2754,
0.3265

63.8585, 0.2626,
0.3254

69.6489, 0.2894,
0.3275

61.5852, 0.2513,
0.3243

73.2084, 0.3044,
0.3285

59.6952, 0.2417,
0.3231

77.2366, 0.3200,
0.3294

58.1619, 0.2340,
0.3219

81.1829, 0.3338,
0.3302

■ 56.9555, 0.2283,
0.3207

■ 81.6142, 0.3337,
0.3310

■ 56.0412, 0.2244,
0.3195

■ 82.0475, 0.3337,
0.3318

■ 55.3764, 0.2223,
0.3184

■ 82.4828, 0.3336,
0.3326

■ 55.1191, 0.2216,
0.3179

■ 82.9201, 0.3335,
0.3334

■ 83.3593, 0.3334,
0.3341

Harmonies

Analogous

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



66.5364, 0.2910, 0.3477



66.5364, 0.2754, 0.3265



66.5364, 0.2695, 0.3070

Triad

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



66.5364, 0.2754, 0.3265



66.5364, 0.3113, 0.2973



66.5364, 0.3518, 0.3633

Complementary

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



66.5364, 0.2754, 0.3265



47.5755, 0.3658, 0.3315

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.



66.5364, 0.3579, 0.3486



66.5364, 0.2754, 0.3265



66.5364, 0.3341, 0.3111

Square

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



66.5364, 0.2754, 0.3265



66.5364, 0.2897, 0.2912



66.5364, 0.3514, 0.3296



66.5364, 0.3351, 0.3693

Rectangle

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



66.5364, 0.2754, 0.3265



66.5364, 0.2717, 0.2976



66.5364, 0.3514, 0.3296



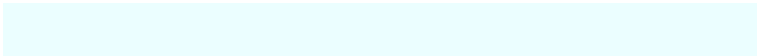
66.5364, 0.3552, 0.3592

Sweetspot

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



66.5391, 0.2754, 0.3265



95.8778, 0.3003, 0.3283



65.0767, 0.3082, 0.3986



20.3655, 0.2980, 0.3281



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.



66.5391, 0.2754, 0.3265



86.5616, 0.2690, 0.3260



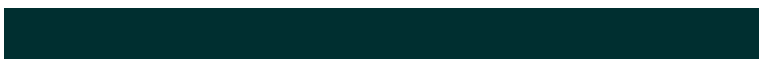
52.6055, 0.2722, 0.2913



15.4854, 0.2982, 0.3281



31.7956, 0.2217, 0.3180



2.2301, 0.2222, 0.3198

Inverse Universe

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



49.3322, 0.3173, 0.2682



60.3483, 0.3183, 0.2565



59.4040, 0.3578, 0.3639



13.9269, 0.3143, 0.3067



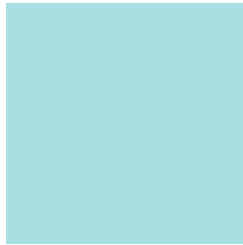
12.1178, 0.3299, 0.1591



0.8426, 0.3284, 0.1583

Previews

White Background



This preview shows how the Yxy color 66.5364, 0.2754, 0.3265 looks on a white background.

Color Contrast Check

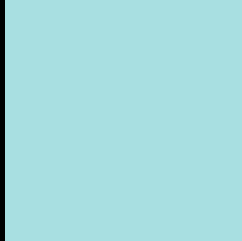
Large Text (above 18pt) WCAG AA × Fail

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 66.5364, 0.2754, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

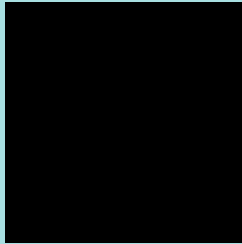
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

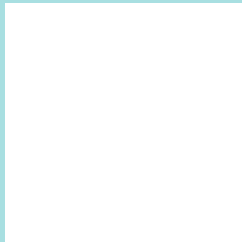
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5364, 0.2754, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 66.5364, 0.2754, 0.3265.

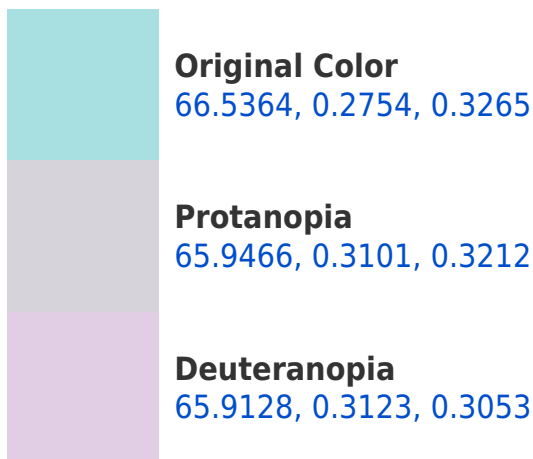


This preview shows how white text looks on a background with the Yxy color 66.5364, 0.2754, 0.3265.

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

66.6028, 0.2692, 0.3079

Trichromacy



Original Color

66.5364, 0.2754, 0.3265

Protanomaly

65.6917, 0.2960, 0.3221

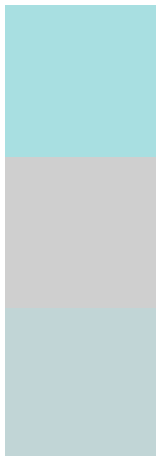
Deuteranomaly

65.6122, 0.2977, 0.3121

Tritanomaly

66.7291, 0.2715, 0.3148

Monochromacy



Original Color

66.5364, 0.2754, 0.3265

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.7810, 0.2977, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5364, 0.2754, 0.3265 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(168, 223, 225)` looks like.

```
.text, #text, p{  
    color:rgb(168, 223, 225)  
}
```

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(168, 223, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 223, 225) }
```

Border

The CSS property to change the border of an element to Yxy 66.5364, 0.2754, 0.3265 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(168, 223, 225) }
```

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

```
.border{ border-color:rgb(168, 223, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 223, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 223, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 223, 225);  
box-shadow:4px 4px 4px 4px rgb(168, 223,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5364, 0.2754, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 223, 225) }
```

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

```
.background{ background-color: rgb(168,  
223, 225) }
```

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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