

Converting Colors

$Y_{xy}(66.5291, 0.2856, 0.3271)$

Have a look what the booklet for
Yxy(66.5291, 0.2856, 0.3271)
contains.

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Color

Yxy(66.4054, 0.2856, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	B6DCDE
RGB	182, 220, 222
RGB Percent	71%, 86%, 87%
CMY	0.2862, 0.1372, 0.1295
CMYK	0.18, 0.01, 0.00, 0.13
HSL	183°, 38%, 79%
HSV	183°, 18%, 87%
XYZ	58.0691, 66.4054, 78.8488
YIQ	208.8660, -23.2900, -7.4340

Conversions

Conversions Part 2

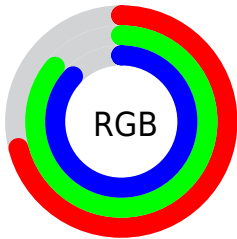
Format	Color
RYB	182, 201, 222
Decimal	11984094
CIELab	85.20, -11.95, -5.11
CIELCh	85, 13.000, 203.162
Yxy	66.4054, 0.2856, 0.3266
Android (android.graphics.Color)	4290174174 (0xFFB6DCDE)
YUV	208.8660, 6.4751, -23.5615
Hunter-Lab	81.4895, -15.4082, -0.3260

Details

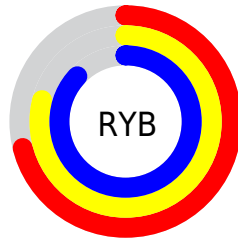
The Yxy color **66.4054, 0.2856, 0.3266** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.1811, 0.3471, 0.3314**, and the grayscale version is **63.6392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **34.2895, 0.2787, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **63.3418, 0.2718, 0.3251**, and if you desaturate by 10%, it is **69.9066, 0.3004, 0.3280**.

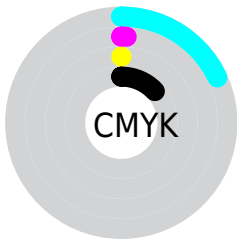
Distribution



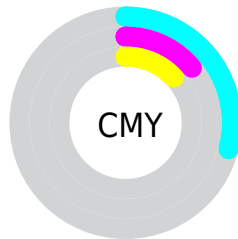
- Red (71%)
- Green (86%)
- Blue (87%)



- Red (71%)
- Yellow (79%)
- Blue (87%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)





- Cyan (29%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.4054, 0.2856, 0.3266 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 66.4054, 0.2856, 0.3266 by changing the saturation by 10% instead.


 66.4054, 0.2856,
0.3266

 66.4054, 0.2856,
0.3266

447.8253, 0.2983,
0.3279

 48.6016, 0.2827,
0.3263


 114.0680, 0.2900,
0.3271

 34.3035, 0.2791,
0.3258


144.6955, 0.2917,
0.3272

 23.1269, 0.2744,
0.3253


180.3665, 0.2932,
0.3274

 14.6872, 0.2684,
0.3245

221.4651, 0.2945,
0.3275

 8.6002, 0.2600,
0.3233

268.3760, 0.2956,
0.3276

 4.4813, 0.2478,
0.3213

321.4834, 0.2966,

 1.9463, 0.2283,

0.3277

0.3176

381.1717, 0.2975,
0.3278

0.5760, 0.1408,
0.3171

0.0000, 0.0000,
0.0000

66.4054, 0.2856,
0.3266

66.4054, 0.2856,
0.3266

63.3418, 0.2718,
0.3251

69.9066, 0.3004,
0.3280

60.6876, 0.2592,
0.3236

73.8561, 0.3158,
0.3292

58.4236, 0.2482,
0.3220

78.2742, 0.3317,
0.3304

56.5262, 0.2390,
0.3203

80.0558, 0.3362,
0.3315

■ 54.9688, 0.2316,
0.3186

■ 80.6489, 0.3360,
0.3326

■ 53.7216, 0.2262,
0.3169

■ 81.2458, 0.3359,
0.3337

■ 52.7494, 0.2226,
0.3153

■ 81.8465, 0.3357,
0.3348

■ 52.0021, 0.2207,
0.3137

■ 82.4511, 0.3356,
0.3359

■ 51.8646, 0.2204,
0.3133

■ 83.0595, 0.3354,
0.3369

Harmonies

Analogous

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



66.4054, 0.2966, 0.3415



66.4054, 0.2856, 0.3266



66.4054, 0.2817, 0.3129

Triad

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



66.4054, 0.2856, 0.3266



66.4054, 0.3128, 0.3066



66.4054, 0.3400, 0.3540

Complementary

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



66.4054, 0.2856, 0.3266



53.1811, 0.3471, 0.3314

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.



66.4054, 0.3447, 0.3439



66.4054, 0.2856, 0.3266



66.4054, 0.3288, 0.3169

Square

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



66.4054, 0.2856, 0.3266



66.4054, 0.2971, 0.3019



66.4054, 0.3406, 0.3304



66.4054, 0.3279, 0.3575

Rectangle

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



66.4054, 0.2856, 0.3266



66.4054, 0.2836, 0.3063



66.4054, 0.3406, 0.3304



66.4054, 0.3425, 0.3512

Sweetspot

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



66.4081, 0.2856, 0.3266



97.2600, 0.3049, 0.3284



65.6119, 0.3096, 0.3762



20.7380, 0.3038, 0.3283



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.



66.4081, 0.2856, 0.3266



89.1118, 0.2797, 0.3260



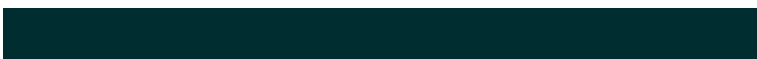
56.8368, 0.2844, 0.3033



15.4501, 0.2982, 0.3278



30.8626, 0.2204, 0.3136



2.1754, 0.2211, 0.3161

Inverse Universe

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



54.1556, 0.3163, 0.2866



69.1035, 0.3172, 0.2766



61.7718, 0.3432, 0.3534



13.9233, 0.3145, 0.3070



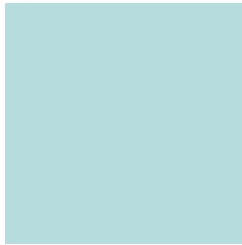
12.0236, 0.3336, 0.1612



0.8371, 0.3315, 0.1600

Previews

White Background



This preview shows how the Yxy color 66.4054, 0.2856, 0.3266 looks on a white background.

Color Contrast Check

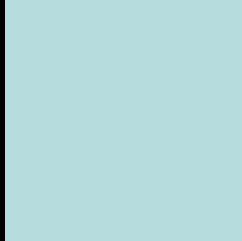
Large Text (above 18pt) WCAG AA × Fail

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 66.4054, 0.2856, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

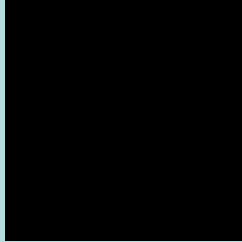
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

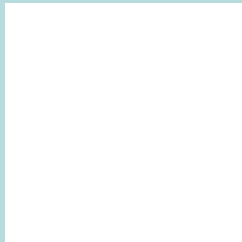
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.4054, 0.2856, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 66.4054, 0.2856, 0.3266.

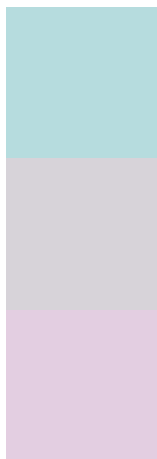


This preview shows how white text looks on a background with the Yxy color 66.4054, 0.2856, 0.3266.

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

66.4054, 0.2856, 0.3266

Protanopia

66.0454, 0.3116, 0.3223

Deuteranopia

65.9097, 0.3152, 0.3085



Tritanopia

66.4553, 0.2797, 0.3094

Trichromacy



Original Color

66.4054, 0.2856, 0.3266

Protanomaly

65.9041, 0.3015, 0.3233

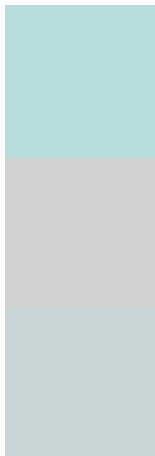
Deuteranomaly

65.8192, 0.3039, 0.3145

Tritanomaly

66.5666, 0.2821, 0.3162

Monochromacy



Original Color

66.4054, 0.2856, 0.3266

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.5857, 0.3019, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4054, 0.2856, 0.3266 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(182, 220, 222)` looks like.

```
.text, #text, p{  
    color:rgb(182, 220, 222)  
}
```

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(182, 220, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 220, 222) }
```

Border

The CSS property to change the border of an element to Yxy 66.4054, 0.2856, 0.3266 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(182, 220, 222) }
```

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

```
.border{ border-color:rgb(182, 220, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 220, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 220, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 220, 222);  
box-shadow:4px 4px 4px 4px rgb(182, 220,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4054, 0.2856, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 220, 222) }
```

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

```
.background{ background-color: rgb(182,  
220, 222) }
```

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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