

Converting Colors

$Yxy(64.9477, 0.2854, 0.3235)$

Have a look what the booklet for
Yxy(64.9477, 0.2854, 0.3235)
contains.

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Color

Yxy(64.8447, 0.2854, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	B6D9DE
RGB	182, 217, 222
RGB Percent	71%, 85%, 87%
CMY	0.2861, 0.1490, 0.1293
CMYK	0.18, 0.02, 0.00, 0.13
HSL	188°, 38%, 79%
HSV	188°, 18%, 87%
XYZ	57.2962, 64.8447, 78.6167
YIQ	207.1050, -22.4650, -5.8650

Conversions

Conversions Part 2

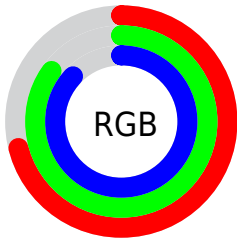
Format	Color
R _{YB}	182, 201, 222
Decimal	11983326
CIE Lab	84.40, -10.40, -6.31
CIE LCh	84, 12.166, 211.269
Yxy	64.8447, 0.2854, 0.3230
Android (android.graphics.Color)	4290173406 (0xFFB6D9DE)
YUV	207.1050, 7.3432, -22.0171
Hunter-Lab	80.5262, -13.9141, -1.5157

Details

The Yxy color **64.8447, 0.2854, 0.3230** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.4759, 0.3465, 0.3349**, and the grayscale version is **62.4361, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **33.2199, 0.2783, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **60.9285, 0.2712, 0.3193**, and if you desaturate by 10%, it is **69.2191, 0.3004, 0.3265**.

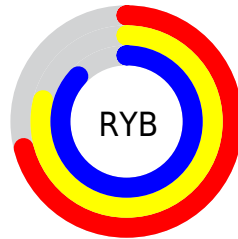
Distribution



Red (71%)

Green (85%)

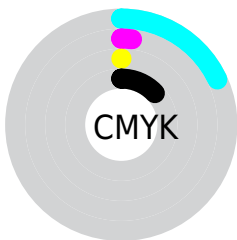
Blue (87%)



Red (71%)

Yellow (79%)

Blue (87%)

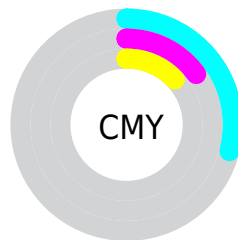


Cyan (18%)

Magenta (2%)

Yellow (0%)

Black (13%)



Cyan (29%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.8447, 0.2854, 0.3230 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 64.8447, 0.2854, 0.3230 by changing the saturation by 10% instead.

■ 64.8447, 0.2854,
0.3230

■ 64.8447, 0.2854,
0.3230

442.2337, 0.2982,
0.3260

■ 47.3352, 0.2824,
0.3223

■ 111.8266, 0.2899,
0.3241

■ 33.3007, 0.2787,
0.3213

142.0677, 0.2916,
0.3245

■ 22.3569, 0.2740,
0.3201

177.3214, 0.2931,
0.3248

■ 14.1194, 0.2678,
0.3184

217.9722, 0.2944,
0.3251

■ 8.2037, 0.2593,
0.3160

264.4044, 0.2955,
0.3254

■ 4.2256, 0.2467,
0.3122

317.0025, 0.2965,

■ 1.8005, 0.2266,

0.3256

376.1508, 0.2974,
0.3258

0.3055

0.4875, 0.1255,
0.2920

0.0000, 0.0000,
0.0000

64.8447, 0.2854,
0.3230

64.8447, 0.2854,
0.3230

60.9285, 0.2712,
0.3193

69.2191, 0.3004,
0.3265

57.4422, 0.2580,
0.3153

74.0627, 0.3158,
0.3296

54.3667, 0.2462,
0.3111

79.3959, 0.3314,
0.3325

51.6781, 0.2360,
0.3068

82.1066, 0.3356,
0.3352

■ 49.3497, 0.2277,
0.3024

■ 83.6553, 0.3353,
0.3380

■ 47.3516, 0.2212,
0.2980

■ 85.2289, 0.3349,
0.3407

■ 45.6483, 0.2167,
0.2935

■ 86.8274, 0.3345,
0.3434

■ 44.1898, 0.2139,
0.2892

■ 88.4511, 0.3342,
0.3461

■ 43.9137, 0.2134,
0.2883

■ 90.1000, 0.3338,
0.3488

Harmonies

Analogous

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



64.8447, 0.2941, 0.3371



64.8447, 0.2854, 0.3230



64.8447, 0.2838, 0.3110

Triad

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



64.8447, 0.2854, 0.3230



64.8447, 0.3170, 0.3100



64.8447, 0.3360, 0.3541

Complementary

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



64.8447, 0.2854, 0.3230



54.4759, 0.3465, 0.3349

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.



64.8447, 0.3425, 0.3461



64.8447, 0.2854, 0.3230



64.8447, 0.3314, 0.3209

Square

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



64.8447, 0.2854, 0.3230



64.8447, 0.3018, 0.3040



64.8447, 0.3408, 0.3339



64.8447, 0.3232, 0.3554

Rectangle

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



64.8447, 0.2854, 0.3230



64.8447, 0.2869, 0.3058



64.8447, 0.3408, 0.3339



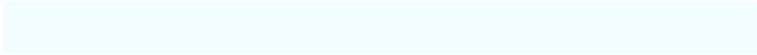
64.8447, 0.3390, 0.3521

Sweetspot

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



64.8474, 0.2854, 0.3230



96.6436, 0.3049, 0.3274



65.7770, 0.3075, 0.3720



20.5876, 0.3038, 0.3272



0.0000, 0.0000, 0.0000



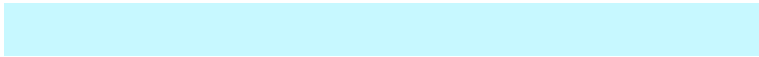
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.8474, 0.2854, 0.3230



86.4532, 0.2794, 0.3215



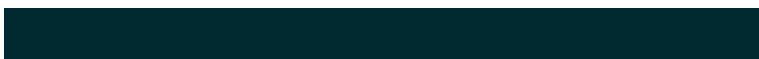
55.3204, 0.2841, 0.2992



15.2630, 0.2982, 0.3260



26.1918, 0.2136, 0.2890



1.8989, 0.2155, 0.2957

Inverse Universe

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



54.0112, 0.3187, 0.2899



68.8351, 0.3203, 0.2806



63.3876, 0.3426, 0.3571



13.9044, 0.3157, 0.3088



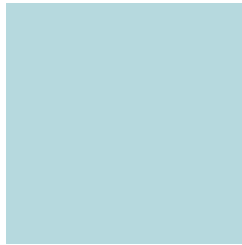
11.5521, 0.3553, 0.1731



0.8091, 0.3492, 0.1697

Previews

White Background



This preview shows how the Yxy color 64.8447, 0.2854, 0.3230 looks on a white background.

Color Contrast Check

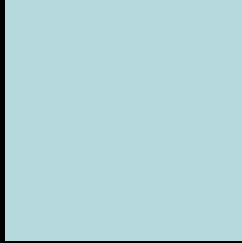
Large Text (above 18pt) WCAG AA × Fail

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 64.8447, 0.2854, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

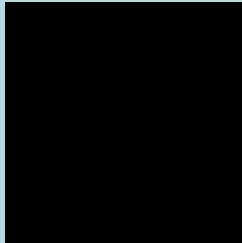
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

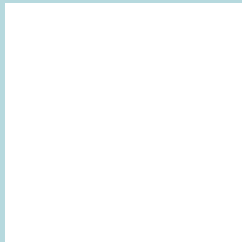
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.8447, 0.2854, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 64.8447, 0.2854, 0.3230.

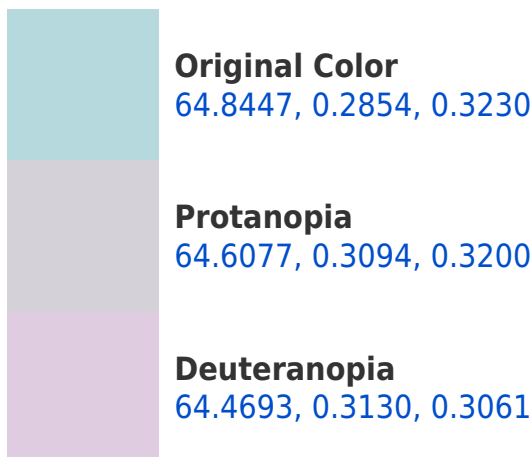


This preview shows how white text looks on a background with the Yxy color 64.8447, 0.2854, 0.3230.

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

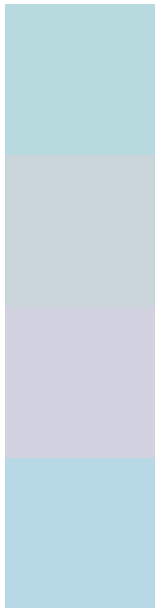




Tritanopia

64.6744, 0.2800, 0.3081

Trichromacy



Original Color

64.8447, 0.2854, 0.3230

Protanomaly

64.6189, 0.3001, 0.3209

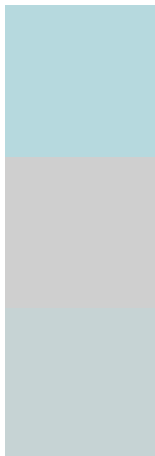
Deuteranomaly

64.5381, 0.3025, 0.3121

Tritanomaly

64.8362, 0.2818, 0.3138

Monochromacy



Original Color

64.8447, 0.2854, 0.3230

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.3478, 0.3025, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8447, 0.2854, 0.3230 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, 217, 222)` looks like.

```
.text, #text, p{  
    color:rgb(182, 217, 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, 217, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 217, 222) }
```

Border

The CSS property to change the border of an element to Yxy 64.8447, 0.2854, 0.3230 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, 217, 222) }
```

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

```
.border{ border-color:rgb(182, 217, 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, 217, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 217, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 217, 222);  
box-shadow:4px 4px 4px 4px rgb(182, 217,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8447, 0.2854, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 217, 222) }
```

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

```
.background{ background-color: rgb(182,  
217, 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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