

Converting Colors

$Yxy(67.6455, 0.2840, 0.3248)$

Have a look what the booklet for
Yxy(67.6455, 0.2840, 0.3248)
contains.

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Color

Yxy(67.7461, 0.2846, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	B7DEE1
RGB	183, 222, 225
RGB Percent	72%, 87%, 88%
CMY	0.2821, 0.1295, 0.1176
CMYK	0.19, 0.01, 0.00, 0.12
HSL	184°, 41%, 80%
HSV	184°, 19%, 88%
XYZ	59.2518, 67.7461, 81.1954
YIQ	210.6810, -24.2070, -7.3350

Conversions

Conversions Part 2

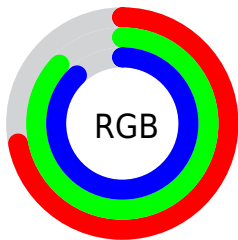
Format	Color
RYB	183, 203, 225
Decimal	12050145
CIELab	85.88, -12.01, -5.71
CIELCh	86, 13.296, 205.437
Yxy	67.7461, 0.2846, 0.3254
Android (android.graphics.Color)	4290240225 (0xFFB7DEE1)
YUV	210.6810, 7.0593, -24.2762
Hunter-Lab	82.3080, -15.5406, -0.8729

Details

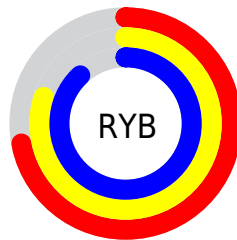
The Yxy color **67.7461, 0.2846, 0.3254** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.5838, 0.3484, 0.3326**, and the grayscale version is **64.8933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **35.2068, 0.2775, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **64.3485, 0.2707, 0.3233**, and if you desaturate by 10%, it is **71.5986, 0.2994, 0.3274**.

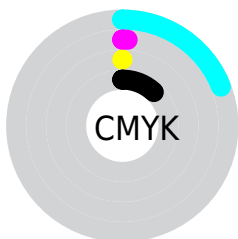
Distribution



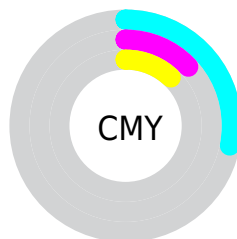
- Red (72%)
- Green (87%)
- Blue (88%)



- Red (72%)
- Yellow (80%)
- Blue (88%)



- Cyan (19%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)




- Cyan (28%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.7461, 0.2846, 0.3254 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 67.7461, 0.2846, 0.3254 by changing the saturation by 10% instead.


 67.7461, 0.2846,
0.3254

 67.7461, 0.2846,
0.3254

452.5959, 0.2977,
0.3272

 49.6912, 0.2816,
0.3249


 115.9888, 0.2892,
0.3261

 35.1681, 0.2779,
0.3243

146.9455, 0.2909,
0.3263

 23.7924, 0.2731,
0.3236

182.9715, 0.2924,
0.3265

 15.1797, 0.2669,
0.3225

224.4513, 0.2938,
0.3267

 8.9456, 0.2584,
0.3209

271.7692, 0.2949,
0.3269

 4.7057, 0.2461,
0.3183

325.3097, 0.2959,

 2.0756, 0.2267,

0.3270

0.3138

385.4571, 0.2969,
0.3271

0.6509, 0.1556,
0.3112

0.0000, 0.0000,
0.0000

67.7461, 0.2846,
0.3254

67.7461, 0.2846,
0.3254

64.3485, 0.2707,
0.3233

71.5986, 0.2994,
0.3274

61.3767, 0.2581,
0.3210

75.9173, 0.3148,
0.3292

58.8107, 0.2469,
0.3186

80.7233, 0.3306,
0.3309

56.6257, 0.2375,
0.3162

82.4452, 0.3336,
0.3325

■ 54.7944, 0.2300,
0.3137

■ 83.3438, 0.3334,
0.3341

■ 53.2853, 0.2244,
0.3112

■ 84.2508, 0.3332,
0.3357

■ 52.0616, 0.2207,
0.3088

■ 85.1662, 0.3330,
0.3373

■ 51.0679, 0.2186,
0.3064

■ 86.0901, 0.3328,
0.3389

■ 50.9404, 0.2184,
0.3061

■ 87.0224, 0.3326,
0.3405

Harmonies

Analogous

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



67.7461, 0.2953, 0.3406



67.7461, 0.2846, 0.3254



67.7461, 0.2813, 0.3117

Triad

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



67.7461, 0.2846, 0.3254



67.7461, 0.3141, 0.3069



67.7461, 0.3397, 0.3549

Complementary

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



67.7461, 0.2846, 0.3254



54.5838, 0.3484, 0.3326

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.



67.7461, 0.3452, 0.3451



67.7461, 0.2846, 0.3254



67.7461, 0.3301, 0.3177

Square

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



67.7461, 0.2846, 0.3254



67.7461, 0.2980, 0.3016



67.7461, 0.3416, 0.3315



67.7461, 0.3270, 0.3579

Rectangle

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



67.7461, 0.2846, 0.3254



67.7461, 0.2836, 0.3053



67.7461, 0.3416, 0.3315



67.7461, 0.3425, 0.3522

Sweetspot

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



67.7489, 0.2846, 0.3254



96.5115, 0.3034, 0.3279



67.4710, 0.3086, 0.3764



20.5791, 0.3024, 0.3278



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.



67.7489, 0.2846, 0.3254



88.3167, 0.2796, 0.3247



57.3968, 0.2832, 0.3006



15.3944, 0.2982, 0.3272



29.4243, 0.2185, 0.3064



2.0908, 0.2195, 0.3101

Inverse Universe

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



55.1749, 0.3172, 0.2861



69.0232, 0.3181, 0.2778



63.9759, 0.3442, 0.3559



13.9177, 0.3149, 0.3075



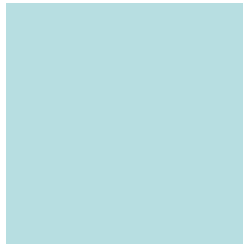
11.8784, 0.3398, 0.1646



0.8285, 0.3366, 0.1628

Previews

White Background



This preview shows how the Yxy color 67.7461, 0.2846, 0.3254 looks on a white background.

Color Contrast Check

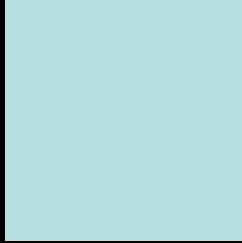
Large Text (above 18pt) WCAG AA × Fail

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 67.7461, 0.2846, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

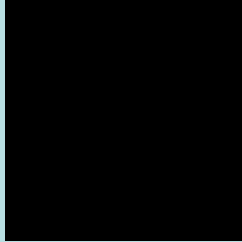
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

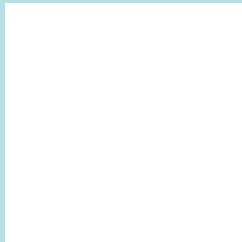
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.7461, 0.2846, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 67.7461, 0.2846, 0.3254.

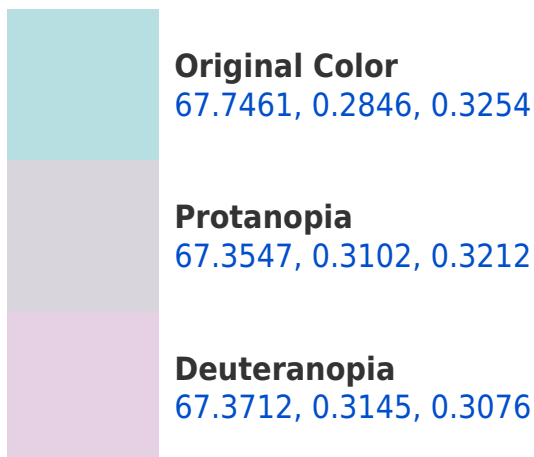


This preview shows how white text looks on a background with the Yxy color 67.7461, 0.2846, 0.3254.

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

67.7985, 0.2788, 0.3084

Trichromacy



Original Color

67.7461, 0.2846, 0.3254

Protanomaly

67.2230, 0.3002, 0.3222

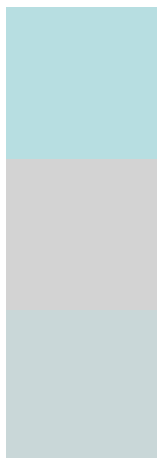
Deuteranomaly

67.1316, 0.3026, 0.3135

Tritanomaly

67.9104, 0.2811, 0.3151

Monochromacy



Original Color

67.7461, 0.2846, 0.3254

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.9763, 0.3020, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7461, 0.2846, 0.3254 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(183, 222, 225)` looks like.

```
.text, #text, p{  
    color:rgb(183, 222, 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(183, 222, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 222, 225) }
```

Border

The CSS property to change the border of an element to Yxy 67.7461, 0.2846, 0.3254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

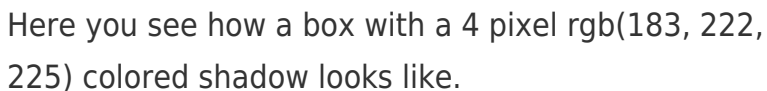
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 222, 225) }
```

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

```
.border{ border-color:rgb(183, 222, 225) }
```

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



Here you see how a box with a 4 pixel rgb(183, 222, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 222, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 222, 225);  
box-shadow:4px 4px 4px 4px rgb(183, 222,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7461, 0.2846, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 222, 225) }
```

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

```
.background{ background-color: rgb(183,  
222, 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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