

Converting Colors

$Yxy(66.6603, 0.2901, 0.3276)$

Have a look what the booklet for
Yxy(66.6603, 0.2901, 0.3276)
contains.

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Color

Yxy(66.5217, 0.2907, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	BCDBDC
RGB	188, 219, 220
RGB Percent	74%, 86%, 86%
CMY	0.2626, 0.1412, 0.1374
CMYK	0.15, 0.00, 0.00, 0.14
HSL	182°, 31%, 80%
HSV	182°, 15%, 86%
XYZ	58.9929, 66.5217, 77.4192
YIQ	209.8450, -18.7970, -6.2610

Conversions

Conversions Part 2

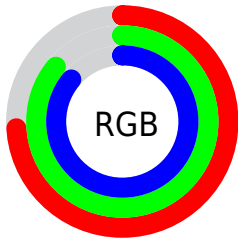
Format	Color
R _{YB}	188, 204, 220
Decimal	12377052
CIE Lab	85.26, -9.97, -3.92
CIE LCh	85, 10.712, 201.463
Yxy	66.5217, 0.2907, 0.3278
Android (android.graphics.Color)	4290567132 (0xFFBCDBDC)
YUV	209.8450, 5.0064, -19.1581
Hunter-Lab	81.5608, -13.6226, 0.8133

Details

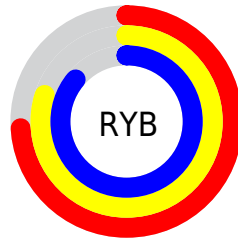
The Yxy color **66.5217, 0.2907, 0.3278** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.2451, 0.3394, 0.3302**, and the grayscale version is **64.3225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **34.3359, 0.2851, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **63.5908, 0.2766, 0.3269**, and if you desaturate by 10%, it is **69.8854, 0.3057, 0.3286**.

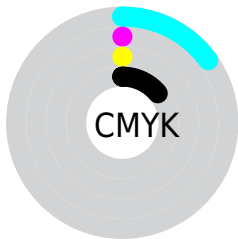
Distribution



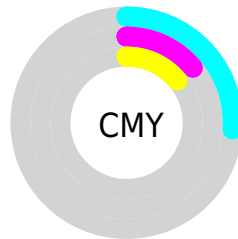
- Red (74%)
- Green (86%)
- Blue (86%)



- Red (74%)
- Yellow (80%)
- Blue (86%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)





- Cyan (26%)
- Magenta (14%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5217, 0.2907, 0.3278 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 66.5217, 0.2907, 0.3278 by changing the saturation by 10% instead.

 66.5217, 0.2907,
0.3278

 66.5217, 0.2907,
0.3278


448.2403, 0.3010,
0.3285

 48.6960, 0.2883,
0.3276

 114.2348, 0.2943,
0.3280

 34.3784, 0.2854,
0.3274


144.8910, 0.2957,
0.3281

 23.1845, 0.2816,
0.3271

180.5928, 0.2969,
0.3282

 14.7298, 0.2766,
0.3266

221.7247, 0.2979,
0.3283

 8.6300, 0.2698,
0.3260

268.6710, 0.2988,
0.3283

 4.5006, 0.2597,
0.3249

321.8161, 0.2996,

 1.9574, 0.2436,

0.3284

381.5444, 0.3004,
0.3284

0.3227

0.5825, 0.1723,
0.3234

0.0000, 0.0000,
0.0000

66.5217, 0.2907,
0.3278

66.5217, 0.2907,
0.3278

63.5908, 0.2766,
0.3269

69.8854, 0.3057,
0.3286

61.0651, 0.2637,
0.3260

73.6915, 0.3213,
0.3294

58.9267, 0.2523,
0.3250

77.9599, 0.3373,
0.3301

57.1531, 0.2427,
0.3239

78.4972, 0.3379,
0.3308

■ 55.7196, 0.2349,
0.3229

■ 78.8531, 0.3378,
0.3315

■ 54.5981, 0.2290,
0.3219

■ 79.2105, 0.3377,
0.3321

■ 53.7564, 0.2250,
0.3209

■ 79.5692, 0.3376,
0.3328

■ 53.1548, 0.2228,
0.3199

■ 79.9294, 0.3375,
0.3335

■ 52.8908, 0.2220,
0.3193

■ 80.2909, 0.3375,
0.3341

Harmonies

Analogous

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



66.5217, 0.3001, 0.3399



66.5217, 0.2907, 0.3278



66.5217, 0.2871, 0.3164

Triad

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



66.5217, 0.2907, 0.3278



66.5217, 0.3120, 0.3101



66.5217, 0.3356, 0.3492

Complementary

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



66.5217, 0.2907, 0.3278



55.2451, 0.3394, 0.3302

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.



66.5217, 0.3390, 0.3408



66.5217, 0.2907, 0.3278



66.5217, 0.3253, 0.3184

Square

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



66.5217, 0.2907, 0.3278



66.5217, 0.2993, 0.3065



66.5217, 0.3352, 0.3296



66.5217, 0.3260, 0.3524

Rectangle

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



66.5217, 0.2907, 0.3278



66.5217, 0.2885, 0.3107



66.5217, 0.3352, 0.3296



66.5217, 0.3375, 0.3469

Sweetspot

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



66.5245, 0.2907, 0.3278



97.9185, 0.3065, 0.3287



65.5232, 0.3106, 0.3668



20.8772, 0.3053, 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.



66.5245, 0.2907, 0.3278



91.8456, 0.2869, 0.3276



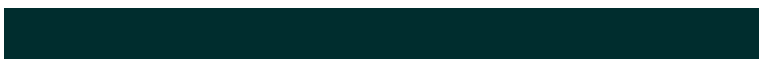
58.7986, 0.2901, 0.3094



14.7580, 0.2982, 0.3282



31.0819, 0.2221, 0.3195



2.0355, 0.2225, 0.3211

Inverse Universe

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



56.3099, 0.3151, 0.2944



75.3074, 0.3156, 0.2880



62.2858, 0.3368, 0.3479



13.2676, 0.3143, 0.3067



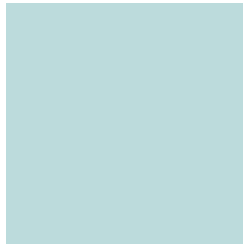
11.7615, 0.3286, 0.1584



0.7642, 0.3273, 0.1577

Previews

White Background



This preview shows how the Yxy color 66.5217, 0.2907, 0.3278 looks on a white background.

Color Contrast Check

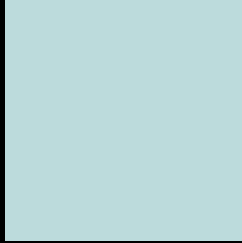
Large Text (above 18pt) WCAG AA × Fail

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 66.5217, 0.2907, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

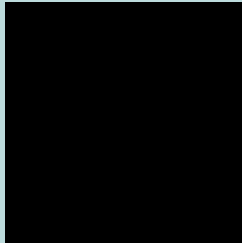
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

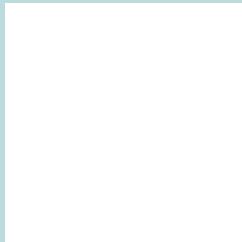
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5217, 0.2907, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 66.5217, 0.2907, 0.3278.

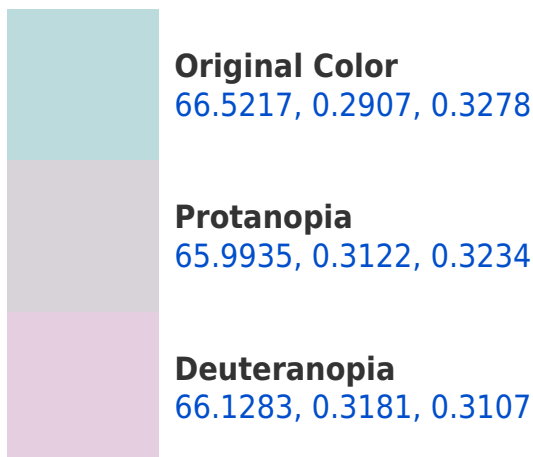


This preview shows how white text looks on a background with the Yxy color 66.5217, 0.2907, 0.3278.

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

66.6426, 0.2841, 0.3096

Trichromacy



Original Color

66.5217, 0.2907, 0.3278

Protanomaly

66.0820, 0.3042, 0.3256

Deuteranomaly

66.1586, 0.3074, 0.3168

Tritanomaly

66.7471, 0.2865, 0.3163

Monochromacy



Original Color

66.5217, 0.2907, 0.3278

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.0001, 0.3041, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5217, 0.2907, 0.3278 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(188, 219, 220)` looks like.

```
.text, #text, p{  
    color:rgb(188, 219, 220)  
}
```

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(188, 219, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 219, 220) }
```

Border

The CSS property to change the border of an element to Yxy 66.5217, 0.2907, 0.3278 is called "border". The border property can be set on classes, ids or directly on the HTML element.

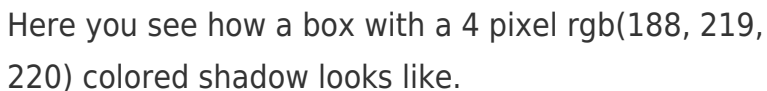
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 219, 220) }
```

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

```
.border{ border-color:rgb(188, 219, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 219, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 219, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 219, 220); box-shadow:4px 4px 4px 4px rgb(188, 219, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5217, 0.2907, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 219, 220) }
```

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

```
.background{ background-color: rgb(188,  
219, 220) }
```

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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