

Converting Colors

$Yxy(63.2938, 0.2905, 0.3289)$

Have a look what the booklet for
Yxy(63.2938, 0.2905, 0.3289)
contains.

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Color

Yxy(63.5745, 0.2902, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	B7D7D7
RGB	183, 215, 215
RGB Percent	72%, 84%, 84%
CMY	0.2824, 0.1568, 0.1567
CMYK	0.15, 0.00, 0.00, 0.16
HSL	180°, 29%, 78%
HSV	180°, 15%, 84%
XYZ	56.0940, 63.5745, 73.6258
YIQ	205.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

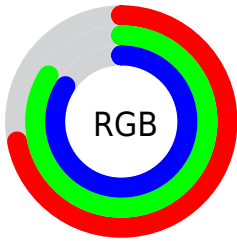
Format	Color
RYB	183, 199, 215
Decimal	12048343
CIELab	83.74, -10.53, -3.57
CIELCh	84, 11.119, 198.741
Yxy	63.5745, 0.2902, 0.3289
Android (android.graphics.Color)	4290238423 (0xFFB7D7D7)
YUV	205.4320, 4.7170, -19.6729
Hunter-Lab	79.7336, -13.9559, 1.0653

Details

The Yxy color **63.5745, 0.2902, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.7397, 0.3404, 0.3291**, and the grayscale version is **61.3186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **32.4255, 0.2853, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **61.1300, 0.2763, 0.3288**, and if you desaturate by 10%, it is **66.4270, 0.3051, 0.3290**.

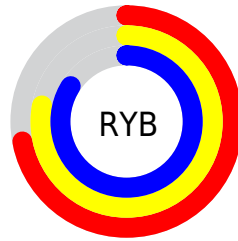
Distribution



Red (72%)

Green (84%)

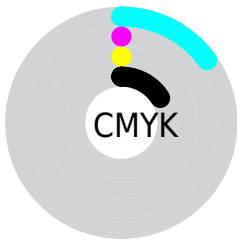
Blue (84%)



Red (72%)

Yellow (78%)

Blue (84%)

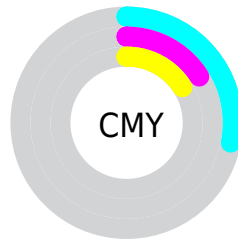


Cyan (15%)

Magenta (0%)

Yellow (0%)

Black (16%)



Cyan (28%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.5745, 0.2902, 0.3289 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 63.5745, 0.2902, 0.3289 by changing the saturation by 10% instead.

■ 63.5745, 0.2902,
0.3289

■ 63.5745, 0.2902,
0.3289

437.6515, 0.3008,
0.3290

■ 46.3061, 0.2877,
0.3288

■ 109.9979, 0.2939,
0.3290

■ 32.4875, 0.2846,
0.3288

139.9218, 0.2954,
0.3290

■ 21.7341, 0.2807,
0.3286

174.8329, 0.2966,
0.3290

■ 13.6617, 0.2754,
0.3284

215.1157, 0.2977,
0.3290

■ 7.8857, 0.2681,
0.3281

261.1545, 0.2986,
0.3290

■ 4.0219, 0.2573,
0.3274

313.3339, 0.2994,

■ 1.6858, 0.2396,

0.3290

372.0380, 0.3002,
0.3290

0.3260

0.4145, 0.1093,
0.3309

0.0000, 0.0000,
0.0000

63.5745, 0.2902,
0.3289

63.5745, 0.2902,
0.3289

61.1300, 0.2763,
0.3288

66.4270, 0.3051,
0.3290

59.0675, 0.2637,
0.3288


69.6968, 0.3207,
0.3290


57.3700, 0.2527,
0.3287


73.4026, 0.3368,
0.3291

56.0160, 0.2434,
0.3287


74.8082, 0.3424,
0.3291


 54.9821, 0.2360,
0.3286


 74.8171, 0.3424,
0.3292

 54.2417, 0.2306,
0.3286

 74.8261, 0.3424,
0.3292


 53.7640, 0.2270,
0.3285

 74.8351, 0.3424,
0.3292

 53.5114, 0.2251,
0.3285

 74.8440, 0.3424,
0.3292

 53.4361, 0.2246,
0.3285

 74.8530, 0.3424,
0.3292

Harmonies

Analogous

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



63.5745, 0.3005, 0.3415



63.5745, 0.2902, 0.3289



63.5745, 0.2858, 0.3166

Triad

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



63.5745, 0.2902, 0.3289



63.5745, 0.3107, 0.3085



63.5745, 0.3375, 0.3497

Complementary

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



63.5745, 0.2902, 0.3289



51.7397, 0.3404, 0.3291

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.



63.5745, 0.3404, 0.3404



63.5745, 0.2902, 0.3289



63.5745, 0.3247, 0.3169

Square

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



63.5745, 0.2902, 0.3289



63.5745, 0.2975, 0.3053



63.5745, 0.3357, 0.3285



63.5745, 0.3278, 0.3536

Rectangle

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



63.5745, 0.2902, 0.3289



63.5745, 0.2868, 0.3104



63.5745, 0.3357, 0.3285



63.5745, 0.3393, 0.3471

Sweetspot

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



63.5771, 0.2902, 0.3289



98.1112, 0.3065, 0.3290



62.1006, 0.3109, 0.3686



20.9262, 0.3053, 0.3290



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.



63.5771, 0.2902, 0.3289



92.2859, 0.2855, 0.3289



55.8227, 0.2895, 0.3095



14.1061, 0.2983, 0.3289



31.9510, 0.2246, 0.3285



1.9277, 0.2246, 0.3285

Inverse Universe

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



53.2175, 0.3145, 0.2924



74.1276, 0.3148, 0.2842



58.7200, 0.3376, 0.3478



12.6325, 0.3138, 0.3061



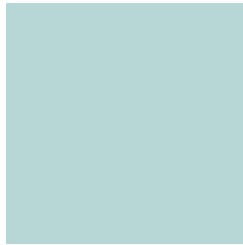
11.5703, 0.3211, 0.1543



0.6979, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 63.5745, 0.2902, 0.3289 looks on a white background.

Color Contrast Check

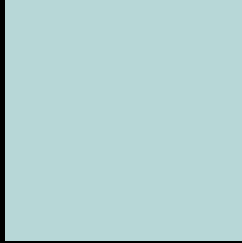
Large Text (above 18pt) WCAG AA × Fail

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 63.5745, 0.2902, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

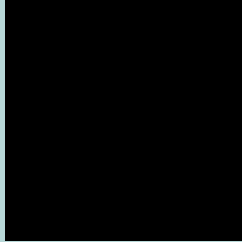
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

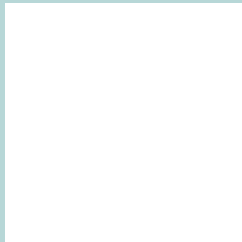
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.5745, 0.2902, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 63.5745, 0.2902, 0.3289.



This preview shows how white text looks on a background with the Yxy color 63.5745, 0.2902, 0.3289.

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

63.5745, 0.2902, 0.3289

Protanopia

63.1777, 0.3129, 0.3244

Deuteranopia

63.1503, 0.3181, 0.3114



Tritanopia

63.7408, 0.2829, 0.3092

Trichromacy



Original Color

63.5745, 0.2902, 0.3289

Protanomaly

63.2642, 0.3047, 0.3267

Deuteranomaly

63.1907, 0.3073, 0.3176

Tritanomaly

63.8437, 0.2854, 0.3160

Monochromacy



Original Color

63.5745, 0.2902, 0.3289

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.0747, 0.3039, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5745, 0.2902, 0.3289 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, 215, 215)` looks like.

```
.text, #text, p{  
    color:rgb(183, 215, 215)  
}
```

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, 215, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 215, 215) }
```

Border

The CSS property to change the border of an element to Yxy 63.5745, 0.2902, 0.3289 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, 215, 215) }
```

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

```
.border{ border-color:rgb(183, 215, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 215, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 215, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 215, 215);  
box-shadow:4px 4px 4px 4px rgb(183, 215,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5745, 0.2902, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 215, 215) }
```

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

```
.background{ background-color: rgb(183,  
215, 215) }
```

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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