

Converting Colors

Yxy(58.4711, 0.2964, 0.3290)

Have a look what the booklet for
Yxy(58.4711, 0.2964, 0.3290)
contains.

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Color

Yxy(58.6177, 0.2964, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	B7CECD
RGB	183, 206, 205
RGB Percent	72%, 81%, 80%
CMY	0.2823, 0.1921, 0.1961
CMYK	0.11, 0.00, 0.00, 0.19
HSL	177°, 19%, 76%
HSV	177°, 11%, 81%
XYZ	52.6175, 58.6177, 66.2866
YIQ	199.0090, -13.3870, -5.1870

Conversions

Conversions Part 2

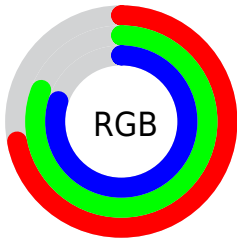
Format	Color
RYB	183, 195, 206
Decimal	12046029
CIELab	81.08, -7.90, -2.13
CIELCh	81, 8.182, 195.053
Yxy	58.6177, 0.2964, 0.3302
Android (android.graphics.Color)	4290236109 (0xFFB7CECD)
YUV	199.0090, 2.9536, -14.0399
Hunter-Lab	76.5622, -11.3095, 2.2610

Details

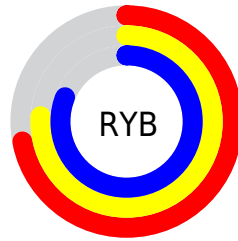
The Yxy color **58.6177, 0.2964, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4525, 0.3317, 0.3278**, and the grayscale version is **57.1077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **29.4367, 0.2922, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **56.2320, 0.2826, 0.3314**, and if you desaturate by 10%, it is **61.3783, 0.3110, 0.3291**.

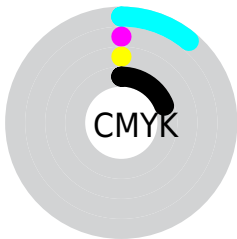
Distribution



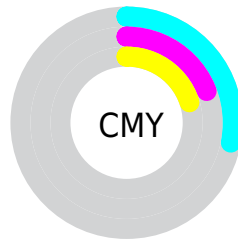
- Red (72%)
- Green (81%)
- Blue (80%)



- Red (72%)
- Yellow (76%)
- Blue (81%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (28%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6177, 0.2964, 0.3302 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 58.6177, 0.2964, 0.3302 by changing the saturation by 10% instead.

 58.6177, 0.2964,
0.3302

 58.6177, 0.2964,
0.3302


419.4837, 0.3042,
0.3297

 42.3054, 0.2945,
0.3303


 102.8218, 0.2992,
0.3300

 29.3405, 0.2922,
0.3305


131.4825, 0.3002,
0.3300

 19.3386, 0.2892,
0.3306


165.0281, 0.3011,
0.3299

 11.9152, 0.2851,
0.3308

203.8430, 0.3019,
0.3298

 6.6859, 0.2793,
0.3311

248.3116, 0.3026,
0.3298

 3.2665, 0.2705,
0.3314

298.8183, 0.3032,

 1.2724, 0.2555,

0.3297

0.3317

355.7476, 0.3037,
0.3297

0.1197, 0.0000,
0.3003

0.0000, 0.0000,
0.0000

58.6177, 0.2964,
0.3302

58.6177, 0.2964,
0.3302

56.2320, 0.2826,
0.3314

61.3783, 0.3110,
0.3291

54.1977, 0.2700,
0.3327


64.5215, 0.3261,
0.3281

52.5003, 0.2588,
0.3340

68.0639, 0.3415,
0.3273

51.1212, 0.2492,
0.3354

69.9918, 0.3487,
0.3264


 50.0398, 0.2414,
0.3369

 70.0373, 0.3480,
0.3255


 49.2336, 0.2355,
0.3383


 70.0830, 0.3473,
0.3245


 48.6763, 0.2315,
0.3398

 70.1290, 0.3466,
0.3236

 48.3371, 0.2293,
0.3413

 70.1752, 0.3459,
0.3227

 48.1694, 0.2285,
0.3425

 70.2217, 0.3452,
0.3217

Harmonies

Analogous

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



58.6177, 0.3047, 0.3395



58.6177, 0.2964, 0.3302



58.6177, 0.2924, 0.3208

Triad

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



58.6177, 0.2964, 0.3302



58.6177, 0.3099, 0.3129



58.6177, 0.3320, 0.3440

Complementary

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



58.6177, 0.2964, 0.3302



50.4525, 0.3317, 0.3278

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.



58.6177, 0.3335, 0.3367



58.6177, 0.2964, 0.3302



58.6177, 0.3206, 0.3189

Square

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



58.6177, 0.2964, 0.3302



58.6177, 0.3001, 0.3110



58.6177, 0.3293, 0.3275



58.6177, 0.3253, 0.3475

Rectangle

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



58.6177, 0.2964, 0.3302



58.6177, 0.2927, 0.3157



58.6177, 0.3293, 0.3275



58.6177, 0.3331, 0.3419

Sweetspot

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



58.6202, 0.2964, 0.3302



98.5559, 0.3082, 0.3293



57.7739, 0.3122, 0.3577



21.0145, 0.3070, 0.3294



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.



58.6202, 0.2964, 0.3302



94.1512, 0.2936, 0.3304



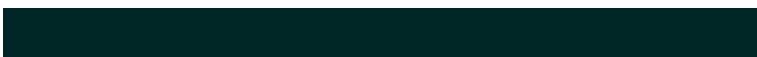
53.8483, 0.2955, 0.3162



12.7181, 0.2989, 0.3300



29.6631, 0.2284, 0.3423



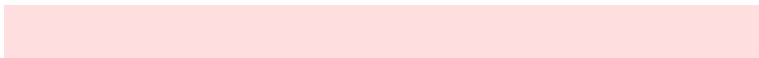
1.5330, 0.2276, 0.3395

Inverse Universe

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



50.4525, 0.3317, 0.3278



78.7682, 0.3356, 0.3276



54.8384, 0.3310, 0.3415



11.2216, 0.3283, 0.3280



8.0962, 0.6347, 0.3270



0.4206, 0.6171, 0.3173

Previews

White Background



This preview shows how the Yxy color 58.6177, 0.2964, 0.3302 looks on a white background.

Color Contrast Check

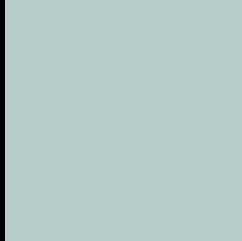
Large Text (above 18pt) WCAG AA × Fail

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 58.6177, 0.2964, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

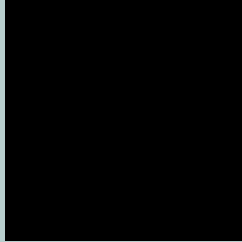
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

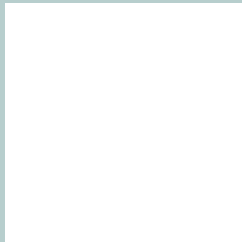
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.6177, 0.2964, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 58.6177, 0.2964, 0.3302.

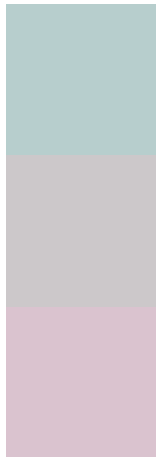


This preview shows how white text looks on a background with the Yxy color 58.6177, 0.2964, 0.3302.

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

58.6177, 0.2964, 0.3302

Protanopia

58.4102, 0.3144, 0.3267

Deuteranopia

58.4406, 0.3221, 0.3154



Tritanopia

58.7921, 0.2886, 0.3099

Trichromacy



Original Color

58.6177, 0.2964, 0.3302

Protanomaly

58.2886, 0.3074, 0.3278

Deuteranomaly

58.2822, 0.3123, 0.3208

Tritanomaly

58.8832, 0.2912, 0.3169

Monochromacy



Original Color

58.6177, 0.2964, 0.3302

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.7956, 0.3065, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6177, 0.2964, 0.3302 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, 206, 205)` looks like.

```
.text, #text, p{  
    color:rgb(183, 206, 205)  
}
```

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, 206, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 206, 205) }
```

Border

The CSS property to change the border of an element to Yxy 58.6177, 0.2964, 0.3302 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, 206, 205) }
```

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

```
.border{ border-color:rgb(183, 206, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 206, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 206, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 206, 205);  
box-shadow:4px 4px 4px 4px rgb(183, 206,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6177, 0.2964, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 206, 205) }
```

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

```
.background{ background-color: rgb(183,  
206, 205) }
```

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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