

Converting Colors

Yxy(65.4617, 0.2958, 0.3305)

Have a look what the booklet for
Yxy(65.4617, 0.2958, 0.3305)
contains.

Yxy(65.6084, 0.2957, 0.3313)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.6084, 0.2957, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	BFD9D7
RGB	191, 217, 215
RGB Percent	75%, 85%, 84%
CMY	0.2511, 0.1490, 0.1569
CMYK	0.12, 0.00, 0.01, 0.15
HSL	175°, 26%, 80%
HSV	175°, 12%, 85%
XYZ	58.5584, 65.6084, 73.8664
YIQ	208.9980, -14.8540, -6.1340

Conversions

Conversions Part 2

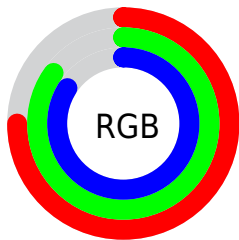
Format	Color
RYB	191, 205, 217
Decimal	12573143
CIELab	84.80, -9.01, -1.95
CIELCh	85, 9.220, 192.201
Yxy	65.6084, 0.2957, 0.3313
Android (android.graphics.Color)	4290763223 (0xFFBFD9D7)
YUV	208.9980, 2.9590, -15.7842
Hunter-Lab	80.9990, -12.7013, 2.6303

Details

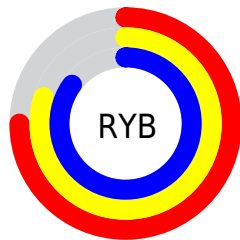
The Yxy color **65.6084, 0.2957, 0.3313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8518, 0.3327, 0.3267**, and the grayscale version is **63.7451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **33.6971, 0.2915, 0.3321** is the 20% darker color. If you saturate the color by 10%, you get **62.9176, 0.2824, 0.3334**, and if you desaturate by 10%, it is **68.7224, 0.3098, 0.3294**.

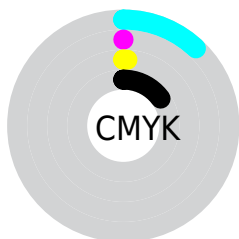
Distribution



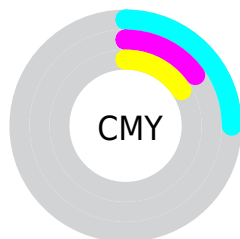
- Red (75%)
- Green (85%)
- Blue (84%)



- Red (75%)
- Yellow (80%)
- Blue (85%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)




- Cyan (25%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.6084, 0.2957, 0.3313 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 65.6084, 0.2957, 0.3313 by changing the saturation by 10% instead.


 65.6084, 0.2957,
0.3313

 65.6084, 0.2957,
0.3313

444.9751, 0.3037,
0.3303

 47.9546, 0.2938,
0.3315


 112.9241, 0.2985,
0.3309

 33.7909, 0.2915,
0.3318


143.3548, 0.2996,
0.3308

 22.7330, 0.2886,
0.3322


178.8132, 0.3005,
0.3307

 14.3965, 0.2846,
0.3326


219.6837, 0.3013,
0.3306

 8.3969, 0.2792,
0.3332

266.3508, 0.3020,
0.3305

 4.3500, 0.2712,
0.3341

319.1988, 0.3026,

 1.8712, 0.2581,

0.3304

378.6121, 0.3032,
0.3303

0.3352

0.5310, 0.1861,
0.3470

0.0000, 0.0000,
0.0000

65.6084, 0.2957,
0.3313

65.6084, 0.2957,
0.3313

62.9176, 0.2824,
0.3334

68.7224, 0.3098,
0.3294

60.6236, 0.2702,
0.3357


72.2685, 0.3245,
0.3276


58.7094, 0.2593,
0.3381


76.0613, 0.3385,
0.3260

57.1537, 0.2501,
0.3406


76.1507, 0.3373,
0.3243


 55.9332, 0.2427,
0.3432

 76.2409, 0.3362,
0.3227


 55.0217, 0.2372,
0.3458


 76.3320, 0.3350,
0.3210


 54.3891, 0.2336,
0.3484

 76.4241, 0.3338,
0.3193

 53.9994, 0.2319,
0.3510

 76.5170, 0.3326,
0.3177

 53.8137, 0.2314,
0.3531

 76.6108, 0.3314,
0.3160

Harmonies

Analogous

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



65.6084, 0.3050, 0.3412



65.6084, 0.2957, 0.3313



65.6084, 0.2909, 0.3209

Triad

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



65.6084, 0.2957, 0.3313



65.6084, 0.3086, 0.3111



65.6084, 0.3340, 0.3447

Complementary

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



65.6084, 0.2957, 0.3313



55.8518, 0.3327, 0.3267

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.



65.6084, 0.3351, 0.3364



65.6084, 0.2957, 0.3313



65.6084, 0.3202, 0.3173

Square

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



65.6084, 0.2957, 0.3313



65.6084, 0.2982, 0.3096



65.6084, 0.3300, 0.3264



65.6084, 0.3272, 0.3489

Rectangle

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



65.6084, 0.2957, 0.3313



65.6084, 0.2908, 0.3153



65.6084, 0.3300, 0.3264



65.6084, 0.3351, 0.3423

Sweetspot

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



65.6111, 0.2957, 0.3313



98.0659, 0.3069, 0.3297



64.7485, 0.3128, 0.3601



20.9147, 0.3058, 0.3299



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.



65.6111, 0.2957, 0.3313



93.6702, 0.2928, 0.3317



60.3035, 0.2942, 0.3161



14.8113, 0.2993, 0.3308



32.5788, 0.2313, 0.3527



2.1159, 0.2301, 0.3485

Inverse Universe

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



55.8518, 0.3327, 0.3267



77.3568, 0.3368, 0.3263



60.6712, 0.3327, 0.3415



13.0678, 0.3280, 0.3272



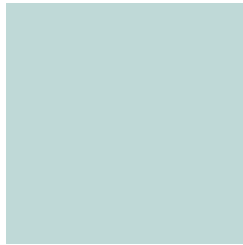
8.9600, 0.6312, 0.3251



0.5863, 0.6064, 0.3114

Previews

White Background



This preview shows how the Yxy color 65.6084, 0.2957, 0.3313 looks on a white background.

Color Contrast Check

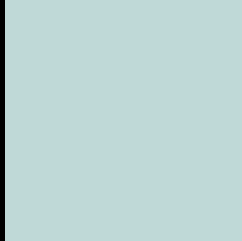
Large Text (above 18pt) WCAG AA × Fail

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 65.6084, 0.2957, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

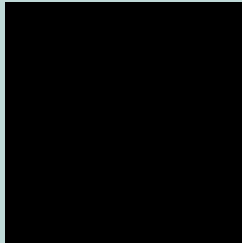
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

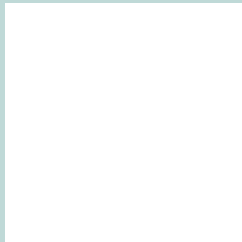
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.6084, 0.2957, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 65.6084, 0.2957, 0.3313.



This preview shows how white text looks on a background with the Yxy color 65.6084, 0.2957, 0.3313.

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

65.6084, 0.2957, 0.3313

Protanopia

65.2434, 0.3158, 0.3279

Deuteranopia

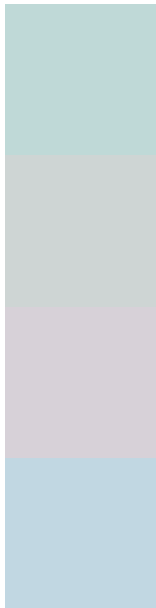
65.3304, 0.3225, 0.3160



Tritanopia

65.3887, 0.2871, 0.3084

Trichromacy



Original Color

65.6084, 0.2957, 0.3313

Protanomaly

65.4638, 0.3083, 0.3301

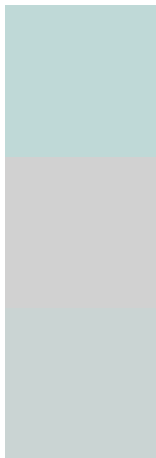
Deuteranomaly

65.0059, 0.3123, 0.3212

Tritanomaly

65.4293, 0.2901, 0.3163

Monochromacy



Original Color

65.6084, 0.2957, 0.3313

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.3467, 0.3061, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6084, 0.2957, 0.3313 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(191, 217, 215)` looks like.

```
.text, #text, p{  
    color:rgb(191, 217, 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(191, 217, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 217, 215) }
```

Border

The CSS property to change the border of an element to Yxy 65.6084, 0.2957, 0.3313 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(191, 217, 215) }
```

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

```
.border{ border-color:rgb(191, 217, 215) }
```

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

Here you see how a box with a 4 pixel rgb(191, 217, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 217, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 217, 215);  
box-shadow:4px 4px 4px 4px rgb(191, 217,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6084, 0.2957, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 217, 215) }
```

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

```
.background{ background-color: rgb(191,  
217, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor