

Converting Colors

$Yxy(65.9216, 0.2961, 0.3344)$

Have a look what the booklet for
Yxy(65.9216, 0.2961, 0.3344)
contains.

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Color

Yxy(65.8941, 0.2963, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	BEDAD5
RGB	190, 218, 213
RGB Percent	75%, 85%, 84%
CMY	0.2549, 0.1451, 0.1646
CMYK	0.13, 0.00, 0.02, 0.15
HSL	169°, 27%, 80%
HSV	169°, 13%, 85%
XYZ	58.3167, 65.8941, 72.6055
YIQ	209.0580, -15.0830, -7.4910

Conversions

Conversions Part 2

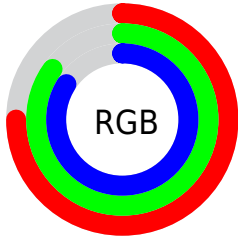
Format	Color
R _{YB}	190, 205, 218
Decimal	12507861
CIE Lab	84.94, -10.23, -0.69
CIE LCh	85, 10.251, 183.865
Yxy	65.8941, 0.2963, 0.3348
Android (android.graphics.Color)	4290697941 (0xFFBEDAD5)
YUV	209.0580, 1.9434, -16.7139
Hunter-Lab	81.1752, -13.8212, 3.7919

Details

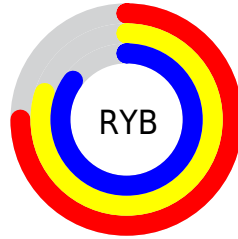
The Yxy color **65.8941, 0.2963, 0.3348** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.6695, 0.3320, 0.3233**, and the grayscale version is **63.7960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **33.8972, 0.2923, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **63.1017, 0.2843, 0.3398**, and if you desaturate by 10%, it is **69.1166, 0.3090, 0.3302**.

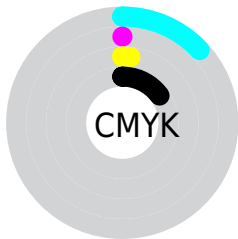
Distribution



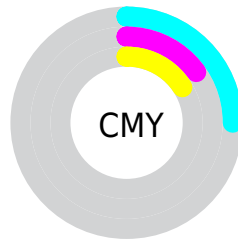
- Red (75%)
- Green (85%)
- Blue (84%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.8941, 0.2963, 0.3348 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 65.8941, 0.2963, 0.3348 by changing the saturation by 10% instead.

 65.8941, 0.2963,
0.3348

 65.8941, 0.2963,
0.3348


445.9981, 0.3040,
0.3321

 48.1864, 0.2945,
0.3354


 113.3343, 0.2990,
0.3339

 33.9746, 0.2923,
0.3362


143.8357, 0.3001,
0.3335

 22.8741, 0.2894,
0.3372


179.3704, 0.3009,
0.3332

 14.5005, 0.2856,
0.3385

220.3228, 0.3017,
0.3329

 8.4696, 0.2803,
0.3403

267.0774, 0.3024,
0.3327

 4.3969, 0.2725,
0.3430

320.0186, 0.3030,

 1.8980, 0.2598,

0.3325

0.3472

379.5307, 0.3035,
0.3323

0.5472, 0.1850,
0.3744

0.0000, 0.0000,
0.0000

65.8941, 0.2963,
0.3348

65.8941, 0.2963,
0.3348

63.1017, 0.2843,
0.3398

69.1166, 0.3090,
0.3302

60.7125, 0.2732,
0.3452

72.7784, 0.3221,
0.3261

58.7093, 0.2634,
0.3510

76.8237, 0.3351,
0.3224


57.0703, 0.2551,
0.3571


77.0377, 0.3324,
0.3185

 55.7717, 0.2486,
0.3634

 77.2565, 0.3297,
0.3147


 54.7867, 0.2440,
0.3698

 77.4802, 0.3270,
0.3109


 54.0844, 0.2414,
0.3762

 77.7088, 0.3243,
0.3071

 53.6276, 0.2406,
0.3826

 77.9423, 0.3217,
0.3034

 53.4074, 0.2409,
0.3872

 78.1808, 0.3191,
0.2996

Harmonies

Analogous

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



65.8941, 0.3076, 0.3451



65.8941, 0.2963, 0.3348



65.8941, 0.2894, 0.3231

Triad

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



65.8941, 0.2963, 0.3348



65.8941, 0.3046, 0.3082



65.8941, 0.3374, 0.3442

Complementary

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



65.8941, 0.2963, 0.3348



55.6695, 0.3320, 0.3233

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.



65.8941, 0.3366, 0.3342



65.8941, 0.2963, 0.3348



65.8941, 0.3175, 0.3137

Square

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



65.8941, 0.2963, 0.3348



65.8941, 0.2941, 0.3079



65.8941, 0.3293, 0.3231



65.8941, 0.3315, 0.3504

Rectangle

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



65.8941, 0.2963, 0.3348



65.8941, 0.2881, 0.3161



65.8941, 0.3293, 0.3231



65.8941, 0.3379, 0.3411

Sweetspot

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



65.8969, 0.2963, 0.3348



98.0001, 0.3075, 0.3307



65.4824, 0.3148, 0.3623



20.8980, 0.3065, 0.3311



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.



65.8969, 0.2963, 0.3348



93.0223, 0.2935, 0.3359



61.6757, 0.2929, 0.3185



14.7877, 0.3006, 0.3332



32.0092, 0.2406, 0.3862



2.0844, 0.2377, 0.3758

Inverse Universe

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



55.6695, 0.3320, 0.3233



76.1151, 0.3361, 0.3222



59.4078, 0.3347, 0.3393



13.0892, 0.3264, 0.3249



9.0282, 0.6121, 0.3146



0.5964, 0.5688, 0.2907

Previews

White Background



This preview shows how the Yxy color 65.8941, 0.2963, 0.3348 looks on a white background.

Color Contrast Check

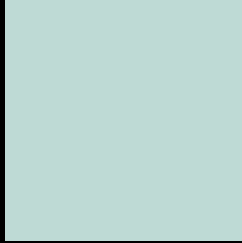
Large Text (above 18pt) WCAG AA × Fail

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 65.8941, 0.2963, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

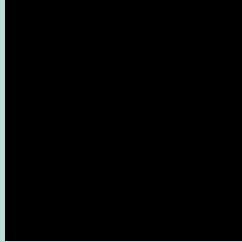
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

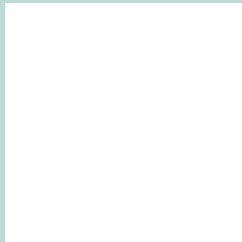
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8941, 0.2963, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 65.8941, 0.2963, 0.3348.



This preview shows how white text looks on a background with the Yxy color 65.8941, 0.2963, 0.3348.

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

65.8941, 0.2963, 0.3348

Protanopia

65.7909, 0.3178, 0.3313

Deuteranopia

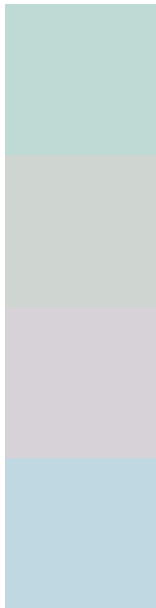
65.4435, 0.3240, 0.3171



Tritanopia

65.7645, 0.2865, 0.3095

Trichromacy



Original Color

65.8941, 0.2963, 0.3348

Protanomaly

66.0117, 0.3103, 0.3336

Deuteranomaly

65.4466, 0.3130, 0.3234

Tritanomaly

65.7544, 0.2901, 0.3186

Monochromacy



Original Color

65.8941, 0.2963, 0.3348

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.2967, 0.3068, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8941, 0.2963, 0.3348 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(190, 218, 213)` looks like.

```
.text, #text, p{  
    color:rgb(190, 218, 213)  
}
```

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(190, 218, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 218, 213) }
```

Border

The CSS property to change the border of an element to Yxy 65.8941, 0.2963, 0.3348 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(190, 218, 213) }
```

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

```
.border{ border-color:rgb(190, 218, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 218, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 218, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 218, 213);  
box-shadow:4px 4px 4px 4px rgb(190, 218,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8941, 0.2963, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 218, 213) }
```

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

```
.background{ background-color: rgb(190,  
218, 213) }
```

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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