

Converting Colors

$Yxy(65.5971, 0.3117, 0.3514)$

Have a look what the booklet for
Yxy(65.5971, 0.3117, 0.3514)
contains.

Yxy(65.7087, 0.3117, 0.3513)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.7087, 0.3117, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	C6D9C6
RGB	198, 217, 198
RGB Percent	78%, 85%, 78%
CMY	0.2234, 0.1490, 0.2235
CMYK	0.09, 0.00, 0.09, 0.15
HSL	120°, 20%, 81%
HSV	120°, 9%, 85%
XYZ	58.3017, 65.7087, 63.0340
YIQ	209.1530, -5.2250, -9.9370

Conversions

Conversions Part 2

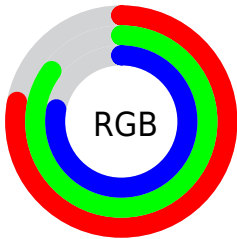
Format	Color
RYB	198, 217, 217
Decimal	13031878
CIELab	84.85, -9.86, 7.19
CIElCh	85, 12.198, 143.894
Yxy	65.7087, 0.3117, 0.3513
Android (android.graphics.Color)	4291221958 (0xFFC6D9C6)
YUV	209.1530, -5.4984, -9.7812
Hunter-Lab	81.0609, -13.4733, 10.6380

Details

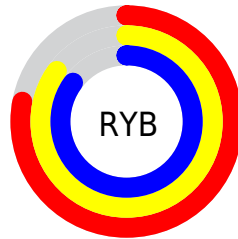
The Yxy color **65.7087, 0.3117, 0.3513** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.1412, 0.3137, 0.3077**, and the grayscale version is **63.9099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.7836, 0.3114, 0.3571** is the 20% darker color. If you saturate the color by 10%, you get **62.0450, 0.3104, 0.3801**, and if you desaturate by 10%, it is **69.9421, 0.3129, 0.3260**.

Distribution



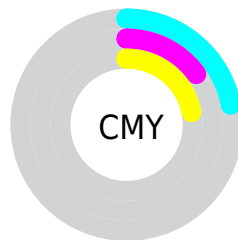
- Red (78%)
- Green (85%)
- Blue (78%)



- Red (78%)
- Yellow (85%)
- Blue (85%)



- Cyan (9%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)



- Cyan (22%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7087, 0.3117, 0.3513 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 65.7087, 0.3117, 0.3513 by changing the saturation by 10% instead.

■ 65.7087, 0.3117,
0.3513

■ 65.7087, 0.3117,
0.3513

445.3344, 0.3123,
0.3406

■ 48.0360, 0.3115,
0.3538

113.0681, 0.3119,
0.3475

■ 33.8554, 0.3113,
0.3570

143.5236, 0.3120,
0.3461

■ 22.7825, 0.3111,
0.3611

179.0088, 0.3121,
0.3448

■ 14.4330, 0.3107,
0.3667

219.9082, 0.3121,
0.3438

■ 8.4224, 0.3101,
0.3745

266.6060, 0.3122,
0.3428

■ 4.3664, 0.3090,
0.3864

319.4867, 0.3122,

■ 1.8806, 0.3068,

0.3420

0.4067

378.9347, 0.3122,
0.3413

0.5367, 0.3035,
0.6044

0.0000, 0.0000,
0.0000

65.7087, 0.3117,
0.3513

65.7087, 0.3117,
0.3513

62.0450, 0.3104,
0.3801

69.9421, 0.3129,
0.3260

58.9188, 0.3089,
0.4121

74.7591, 0.3138,
0.3042

56.3073, 0.3073,
0.4468

78.1032, 0.3145,
0.2920

54.1830, 0.3056,
0.4828

■ 52.5156, 0.3040,
0.5178

■ 51.2718, 0.3025,
0.5492

■ 50.4133, 0.3013,
0.5742

■ 49.8953, 0.3005,
0.5908

■ 49.6496, 0.3001,
0.5992

Harmonies

Analogous

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



65.7087, 0.3267, 0.3558



65.7087, 0.3117, 0.3513



65.7087, 0.2972, 0.3404

Triad

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



65.7087, 0.3117, 0.3513



65.7087, 0.2876, 0.3053



65.7087, 0.3391, 0.3307

Complementary

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



65.7087, 0.3117, 0.3513



60.1412, 0.3137, 0.3077

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.



65.7087, 0.3282, 0.3179



65.7087, 0.3117, 0.3513



65.7087, 0.2984, 0.3035

Square

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



65.7087, 0.3117, 0.3513



65.7087, 0.2835, 0.3136



65.7087, 0.3132, 0.3081



65.7087, 0.3428, 0.3434

Rectangle

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



65.7087, 0.3117, 0.3513



65.7087, 0.2897, 0.3312



65.7087, 0.3132, 0.3081



65.7087, 0.3361, 0.3263

Sweetspot

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



65.7115, 0.3117, 0.3513



98.0980, 0.3124, 0.3364



68.2883, 0.3257, 0.3500



20.8910, 0.3123, 0.3384



0.0000, 0.0000, 0.0000



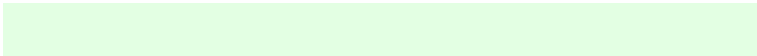
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.7115, 0.3117, 0.3513



93.3961, 0.3114, 0.3577



66.1425, 0.3056, 0.3404



14.6076, 0.3116, 0.3532



30.0432, 0.3001, 0.6000



1.9468, 0.3002, 0.5998

Inverse Universe

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



60.1412, 0.3137, 0.3077



83.3791, 0.3139, 0.3018



59.6830, 0.3205, 0.3179



13.2733, 0.3138, 0.3060



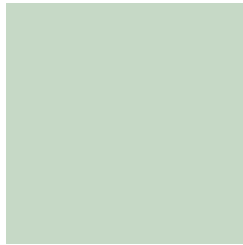
11.9190, 0.3204, 0.1539



0.7727, 0.3205, 0.1539

Previews

White Background



This preview shows how the Yxy color 65.7087, 0.3117, 0.3513 looks on a white background.

Color Contrast Check

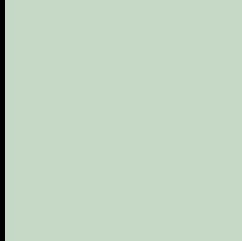
Large Text (above 18pt) WCAG AA × Fail

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 65.7087, 0.3117, 0.3513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

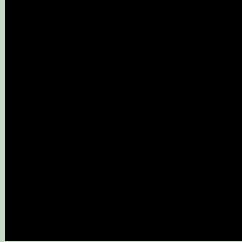
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

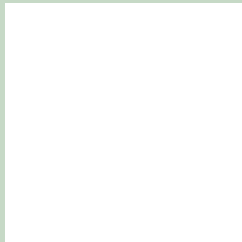
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7087, 0.3117, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 65.7087, 0.3117, 0.3513.



This preview shows how white text looks on a background with the Yxy color 65.7087, 0.3117, 0.3513.

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

65.7087, 0.3117, 0.3513

Protanopia

65.5887, 0.3300, 0.3471

Deuteranopia

65.2356, 0.3399, 0.3323



Tritanopia

65.4406, 0.2950, 0.3098

Trichromacy



Original Color

65.7087, 0.3117, 0.3513

Protanomaly

65.4229, 0.3230, 0.3485

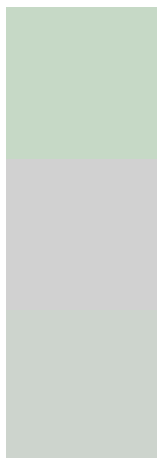
Deuteranomaly

65.3007, 0.3290, 0.3391

Tritanomaly

65.5726, 0.3007, 0.3244

Monochromacy



Original Color

65.7087, 0.3117, 0.3513

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.4739, 0.3123, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7087, 0.3117, 0.3513 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(198, 217, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 217, 198)  
}
```

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(198, 217, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 217, 198) }
```

Border

The CSS property to change the border of an element to Yxy 65.7087, 0.3117, 0.3513 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(198, 217, 198) }
```

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

```
.border{ border-color:rgb(198, 217, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 217, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 217, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 217, 198);  
box-shadow:4px 4px 4px 4px rgb(198, 217,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7087, 0.3117, 0.3513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 217, 198) }
```

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

```
.background{ background-color: rgb(198,  
217, 198) }
```

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