

Converting Colors

$Yxy(65.7989, 0.3085, 0.3418)$

Have a look what the booklet for
Yxy(65.7989, 0.3085, 0.3418)
contains.

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Color

Yxy(65.7989, 0.3085, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	C8D8CD
RGB	200, 216, 205
RGB Percent	78%, 85%, 80%
CMY	0.2158, 0.1529, 0.1961
CMYK	0.07, 0.00, 0.05, 0.15
HSL	139°, 17%, 82%
HSV	139°, 7%, 85%
XYZ	59.3884, 65.7989, 67.3197
YIQ	209.9620, -6.0050, -6.8130

Conversions

Conversions Part 2

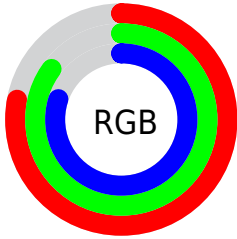
Format	Color
R_{YB}	200, 212, 216
Decimal	13162701
CIE Lab	84.89, -7.43, 3.57
CIE LCh	85, 8.245, 154.324
Yxy	65.7989, 0.3085, 0.3418
Android (android.graphics.Color)	4291352781 (0xFFC8D8CD)
YUV	209.9620, -2.4463, -8.7367
Hunter-Lab	81.1165, -11.2674, 7.5760

Details

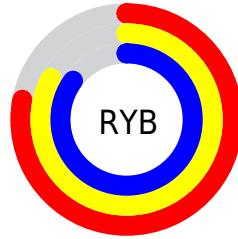
The Yxy color **65.7989, 0.3085, 0.3418** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6015, 0.3172, 0.3165**, and the grayscale version is **64.4405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.8351, 0.3073, 0.3444** is the 20% darker color. If you saturate the color by 10%, you get **62.3516, 0.3029, 0.3610**, and if you desaturate by 10%, it is **69.7401, 0.3142, 0.3248**.

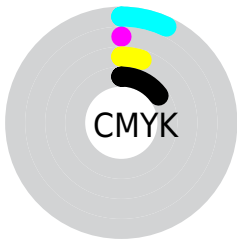
Distribution



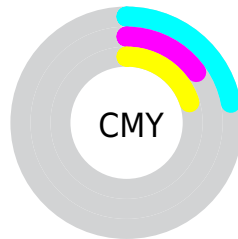
- Red (78%)
- Green (85%)
- Blue (80%)



- Red (78%)
- Yellow (83%)
- Blue (85%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (22%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7989, 0.3085, 0.3418 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 65.7989, 0.3085, 0.3418 by changing the saturation by 10% instead.

■ 65.7989, 0.3085,
0.3418

■ 65.7989, 0.3085,
0.3418

445.6573, 0.3105,
0.3357

■ 48.1092, 0.3080,
0.3432

113.1977, 0.3092,
0.3397

■ 33.9134, 0.3074,
0.3450

143.6755, 0.3095,
0.3388

■ 22.8270, 0.3066,
0.3474

179.1848, 0.3097,
0.3381

■ 14.4658, 0.3056,
0.3505

220.1099, 0.3099,
0.3375

■ 8.4454, 0.3041,
0.3548

266.8354, 0.3101,
0.3370

■ 4.3812, 0.3019,
0.3614

319.7455, 0.3103,

■ 1.8890, 0.2981,

0.3365

379.2247, 0.3104,
0.3361

0.3726

0.5418, 0.2744,
0.4457

0.0000, 0.0000,
0.0000

65.7989, 0.3085,
0.3418

65.7989, 0.3085,
0.3418

62.3516, 0.3029,
0.3610

69.7401, 0.3142,
0.3248

59.3703, 0.2974,
0.3823

74.1850, 0.3197,
0.3099

56.8371, 0.2924,
0.4058

77.2516, 0.3181,
0.2962

54.7297, 0.2882,
0.4310

77.5984, 0.3145,
0.2911

■ 53.0238, 0.2850,
0.4573

■ 51.6927, 0.2833,
0.4839

■ 50.7060, 0.2831,
0.5096

■ 50.0287, 0.2846,
0.5332

■ 49.6137, 0.2876,
0.5536

Harmonies

Analogous

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



65.7989, 0.3189, 0.3465



65.7989, 0.3085, 0.3418



65.7989, 0.2994, 0.3335

Triad

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



65.7989, 0.3085, 0.3418



65.7989, 0.2978, 0.3120



65.7989, 0.3320, 0.3334

Complementary

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



65.7989, 0.3085, 0.3418



60.6015, 0.3172, 0.3165

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.



65.7989, 0.3262, 0.3244



65.7989, 0.3085, 0.3418



65.7989, 0.3064, 0.3122

Square

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



65.7989, 0.3085, 0.3418



65.7989, 0.2933, 0.3163



65.7989, 0.3167, 0.3167



65.7989, 0.3325, 0.3414

Rectangle

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



65.7989, 0.3085, 0.3418



65.7989, 0.2952, 0.3272



65.7989, 0.3167, 0.3167



65.7989, 0.3306, 0.3304

Sweetspot

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



65.8017, 0.3085, 0.3418



98.8218, 0.3116, 0.3324



67.1662, 0.3201, 0.3473



21.1643, 0.3116, 0.3322



0.0000, 0.0000, 0.0000



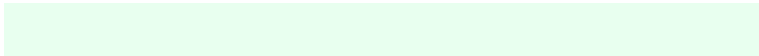
21.4041, 0.3127, 0.3290

Same Dimension

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



65.8017, 0.3085, 0.3418



94.9294, 0.3076, 0.3448



66.1887, 0.3034, 0.3327



13.9593, 0.3074, 0.3454



29.3299, 0.2877, 0.5556



1.7838, 0.2778, 0.5200

Inverse Universe

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



60.6015, 0.3172, 0.3165



85.7679, 0.3183, 0.3137



60.2189, 0.3230, 0.3254



12.5635, 0.3185, 0.3131



9.9360, 0.4187, 0.2080



0.6139, 0.3977, 0.1965

Previews

White Background



This preview shows how the Yxy color 65.7989, 0.3085, 0.3418 looks on a white background.

Color Contrast Check

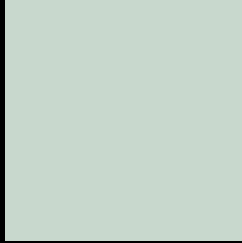
Large Text (above 18pt) WCAG AA × Fail

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 65.7989, 0.3085, 0.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

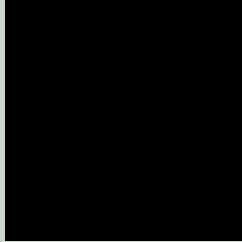
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

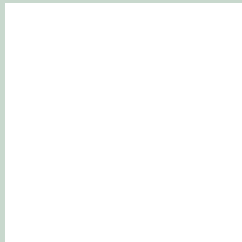
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7989, 0.3085, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 65.7989, 0.3085, 0.3418.

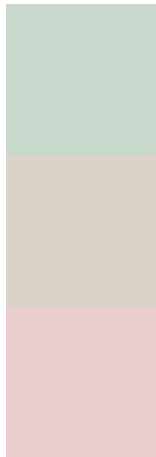


This preview shows how white text looks on a background with the Yxy color 65.7989, 0.3085, 0.3418.

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

65.7989, 0.3085, 0.3418

Protanopia

65.7582, 0.3243, 0.3392

Deuteranopia

65.6601, 0.3337, 0.3269



Tritanopia

65.5815, 0.2957, 0.3098

Trichromacy



Original Color

65.7989, 0.3085, 0.3418

Protanomaly

65.7492, 0.3181, 0.3404

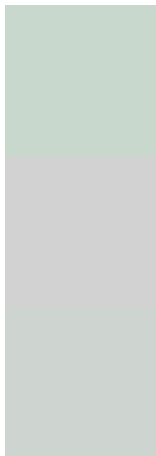
Deuteranomaly

65.5868, 0.3247, 0.3324

Tritanomaly

65.4523, 0.3008, 0.3210

Monochromacy



Original Color

65.7989, 0.3085, 0.3418

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.7628, 0.3110, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7989, 0.3085, 0.3418 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(200, 216, 205)` looks like.

```
.text, #text, p{  
    color:rgb(200, 216, 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(200, 216, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 216, 205) }
```

Border

The CSS property to change the border of an element to Yxy 65.7989, 0.3085, 0.3418 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(200, 216, 205) }
```

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

```
.border{ border-color:rgb(200, 216, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 216, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 216, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 216, 205);  
box-shadow:4px 4px 4px 4px rgb(200, 216,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7989, 0.3085, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 216, 205) }
```

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

```
.background{ background-color: rgb(200,  
216, 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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