

Converting Colors

$Yxy(65.5506, 0.3017, 0.3348)$

Have a look what the booklet for
Yxy(65.5506, 0.3017, 0.3348)
contains.

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Color

Yxy(65.5506, 0.3017, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	C4D8D3
RGB	196, 216, 211
RGB Percent	77%, 85%, 83%
CMY	0.2316, 0.1529, 0.1725
CMYK	0.09, 0.00, 0.02, 0.15
HSL	165°, 20%, 81%
HSV	165°, 9%, 85%
XYZ	59.0699, 65.5506, 71.1698
YIQ	209.4500, -10.3150, -5.7950

Conversions

Conversions Part 2

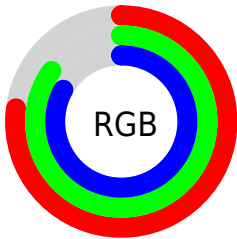
Format	Color
R _{YB}	196, 207, 216
Decimal	12900563
CIE Lab	84.77, -7.65, 0.17
CIE LCh	85, 7.651, 178.761
Yxy	65.5506, 0.3017, 0.3348
Android (android.graphics.Color)	4291090643 (0xFFC4D8D3)
YUV	209.4500, 0.7642, -11.7956
Hunter-Lab	80.9633, -11.4542, 4.5562

Details

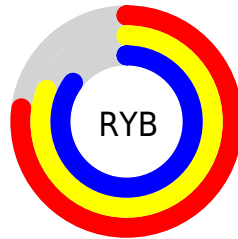
The Yxy color **65.5506, 0.3017, 0.3348** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2762, 0.3250, 0.3233**, and the grayscale version is **64.0667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **33.6748, 0.2984, 0.3351** is the 20% darker color. If you saturate the color by 10%, you get **62.5968, 0.2903, 0.3417**, and if you desaturate by 10%, it is **68.9360, 0.3136, 0.3286**.

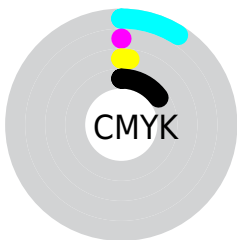
Distribution



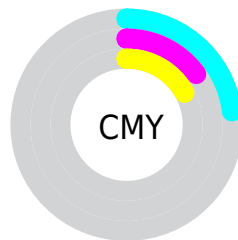
- Red (77%)
- Green (85%)
- Blue (83%)



- Red (77%)
- Yellow (81%)
- Blue (85%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (23%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.5506, 0.3017, 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 65.5506, 0.3017, 0.3348 by changing the saturation by 10% instead.

■ 65.5506, 0.3017,
0.3348

■ 65.5506, 0.3017,
0.3348

444.7680, 0.3069,
0.3321

■ 47.9077, 0.3005,
0.3354

112.8411, 0.3035,
0.3338

■ 33.7538, 0.2990,
0.3362

143.2574, 0.3042,
0.3335

■ 22.7045, 0.2970,
0.3373

178.7004, 0.3048,
0.3332

■ 14.3755, 0.2945,
0.3386

219.5543, 0.3054,
0.3329

■ 8.3823, 0.2909,
0.3405

266.2037, 0.3058,
0.3326

■ 4.3405, 0.2855,
0.3433

319.0328, 0.3062,

■ 1.8658, 0.2767,

0.3324

0.3479

378.4261, 0.3066,
0.3322

0.5277, 0.2240,
0.3754

0.0000, 0.0000,
0.0000

65.5506, 0.3017,
0.3348

65.5506, 0.3017,
0.3348

62.5968, 0.2903,
0.3417

68.9360, 0.3136,
0.3286

60.0485, 0.2797,
0.3492

72.7615, 0.3257,
0.3230

57.8894, 0.2701,
0.3572

75.9370, 0.3336,
0.3179

56.0988, 0.2619,
0.3658


76.2400, 0.3298,
0.3125


 54.6542, 0.2553,
0.3748


 76.5524, 0.3260,
0.3072

 53.5303, 0.2506,
0.3840


 76.8744, 0.3223,
0.3020

 52.6986, 0.2478,
0.3934

 77.2059, 0.3187,
0.2969

 52.1253, 0.2470,
0.4027

 77.5471, 0.3150,
0.2918

 51.7547, 0.2479,
0.4120

 77.6003, 0.3145,
0.2911

Harmonies

Analogous

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



65.5506, 0.3106, 0.3420



65.5506, 0.3017, 0.3348



65.5506, 0.2958, 0.3261

Triad

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



65.5506, 0.3017, 0.3348



65.5506, 0.3051, 0.3130



65.5506, 0.3314, 0.3393

Complementary

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



65.5506, 0.3017, 0.3348



58.2762, 0.3250, 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.



65.5506, 0.3299, 0.3315



65.5506, 0.3017, 0.3348



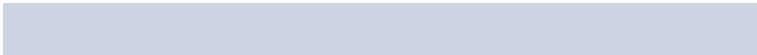
65.5506, 0.3147, 0.3165

Square

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



65.5506, 0.3017, 0.3348



65.5506, 0.2978, 0.3136



65.5506, 0.3238, 0.3233



65.5506, 0.3278, 0.3445

Rectangle

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



65.5506, 0.3017, 0.3348



65.5506, 0.2943, 0.3207



65.5506, 0.3238, 0.3233



65.5506, 0.3315, 0.3369

Sweetspot

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



65.5534, 0.3017, 0.3348



98.4554, 0.3091, 0.3308



65.5171, 0.3153, 0.3525



20.9873, 0.3081, 0.3313



0.0000, 0.0000, 0.0000



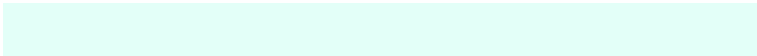
21.4041, 0.3127, 0.3290

Same Dimension

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



65.5534, 0.3017, 0.3348



94.6197, 0.2996, 0.3360



63.2775, 0.2984, 0.3231



14.0524, 0.3015, 0.3349



30.6323, 0.2476, 0.4112



1.8605, 0.2431, 0.3952

Inverse Universe

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



58.2762, 0.3250, 0.3233



82.1088, 0.3277, 0.3221



60.3442, 0.3283, 0.3348



12.4712, 0.3252, 0.3232



8.8131, 0.5917, 0.3033



0.5450, 0.5418, 0.2758

Previews

White Background



This preview shows how the Yxy color 65.5506, 0.3017, 0.3348 looks on a white background.

Color Contrast Check

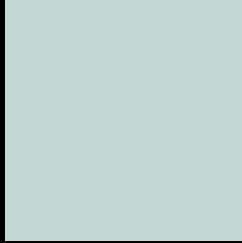
Large Text (above 18pt) WCAG AA × Fail

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 65.5506, 0.3017, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

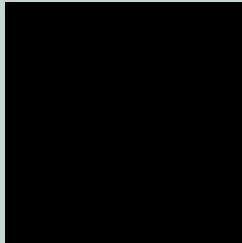
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

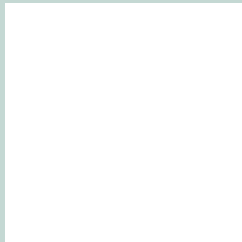
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.5506, 0.3017, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 65.5506, 0.3017, 0.3348.

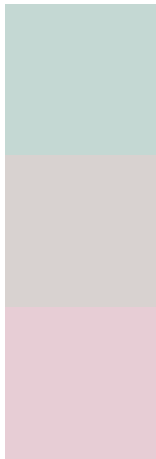


This preview shows how white text looks on a background with the Yxy color 65.5506, 0.3017, 0.3348.

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

65.5506, 0.3017, 0.3348

Protanopia

65.2462, 0.3186, 0.3313

Deuteranopia

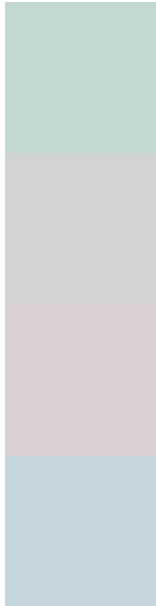
65.4557, 0.3269, 0.3204



Tritanopia

65.4438, 0.2916, 0.3097

Trichromacy



Original Color

65.5506, 0.3017, 0.3348

Protanomaly

65.2457, 0.3126, 0.3324

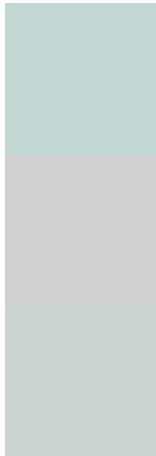
Deuteranomaly

65.2598, 0.3174, 0.3257

Tritanomaly

65.4266, 0.2954, 0.3186

Monochromacy



Original Color

65.5506, 0.3017, 0.3348

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.5775, 0.3082, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5506, 0.3017, 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(196, 216, 211)` looks like.

```
.text, #text, p{  
    color:rgb(196, 216, 211)  
}
```

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(196, 216, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 216, 211) }
```

Border

The CSS property to change the border of an element to Yxy 65.5506, 0.3017, 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(196, 216, 211) }
```

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

```
.border{ border-color:rgb(196, 216, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 216, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 216, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 216, 211);  
box-shadow:4px 4px 4px 4px rgb(196, 216,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5506, 0.3017, 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(196, 216, 211) }
```

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

```
.background{ background-color: rgb(196,  
216, 211) }
```

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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