

Converting Colors

$Yxy(65.8477, 0.3102, 0.3354)$

Have a look what the booklet for
Yxy(65.8477, 0.3102, 0.3354)
contains.

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Color

Yxy(65.8184, 0.3103, 0.3347)

Conversions

Conversions Part 1

Format	Color
Hex	CED6D1
RGB	206, 214, 209
RGB Percent	81%, 84%, 82%
CMY	0.1919, 0.1608, 0.1804
CMYK	0.04, 0.00, 0.02, 0.16
HSL	142°, 9%, 82%
HSV	142°, 4%, 84%
XYZ	61.0202, 65.8184, 69.8104
YIQ	211.0380, -3.1630, -3.2510

Conversions

Conversions Part 2

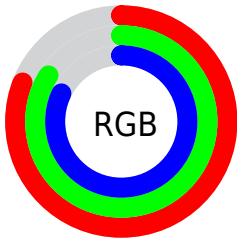
Format	Color
RYB	206, 212, 214
Decimal	13555409
CIELab	84.90, -3.59, 1.51
CIElCh	85, 3.900, 157.160
Yxy	65.8184, 0.3103, 0.3347
Android (android.graphics.Color)	4291745489 (0xFFCED6D1)
YUV	211.0380, -1.0047, -4.4183
Hunter-Lab	81.1285, -7.7176, 5.7715

Details

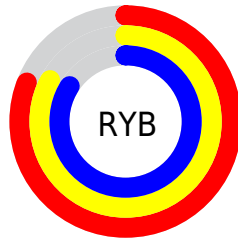
The Yxy color **65.8184, 0.3103, 0.3347** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1695, 0.3152, 0.3234**, and the grayscale version is **65.1829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.8382, 0.3096, 0.3350** is the 20% darker color. If you saturate the color by 10%, you get **62.3246, 0.3038, 0.3514**, and if you desaturate by 10%, it is **69.7911, 0.3168, 0.3199**.

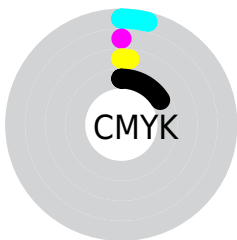
Distribution



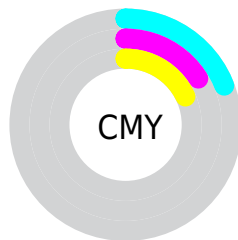
- Red (81%)
- Green (84%)
- Blue (82%)



- Red (81%)
- Yellow (83%)
- Blue (84%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)



- Cyan (19%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.8184, 0.3103, 0.3347 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 65.8184, 0.3103, 0.3347 by changing the saturation by 10% instead.

■ 65.8184, 0.3103,
0.3347

■ 65.8184, 0.3103,
0.3347

445.7271, 0.3114,
0.3320

■ 48.1250, 0.3100,
0.3353

113.2256, 0.3107,
0.3338

■ 33.9259, 0.3097,
0.3361

143.7083, 0.3109,
0.3334

■ 22.8367, 0.3093,
0.3371

179.2228, 0.3110,
0.3331

■ 14.4730, 0.3087,
0.3385

220.1536, 0.3111,
0.3328

■ 8.4503, 0.3079,
0.3404

266.8850, 0.3112,
0.3326

■ 4.3844, 0.3067,
0.3432

319.8015, 0.3113,

■ 1.8909, 0.3046,

0.3324

0.3479

379.2874, 0.3114,
0.3322

0.5429, 0.2940,
0.3728

0.0000, 0.0000,
0.0000

65.8184, 0.3103,
0.3347

65.8184, 0.3103,
0.3347

62.3246, 0.3038,
0.3514

69.7911, 0.3168,
0.3199

59.2831, 0.2975,
0.3701

74.2513, 0.3232,
0.3069

56.6775, 0.2916,
0.3907

76.2096, 0.3184,
0.2943

54.4870, 0.2865,
0.4131

76.5678, 0.3146,
0.2890

■ 52.6893, 0.2824,
0.4368

■ 51.2595, 0.2797,
0.4613

■ 50.1703, 0.2786,
0.4857

■ 49.3900, 0.2794,
0.5091

■ 48.8805, 0.2819,
0.5305

Harmonies

Analogous

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



65.8184, 0.3152, 0.3371



65.8184, 0.3103, 0.3347



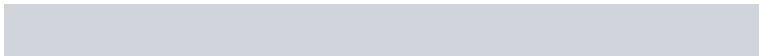
65.8184, 0.3061, 0.3308

Triad

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



65.8184, 0.3103, 0.3347



65.8184, 0.3060, 0.3208



65.8184, 0.3219, 0.3315

Complementary

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



65.8184, 0.3103, 0.3347



63.1695, 0.3152, 0.3234

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.



65.8184, 0.3194, 0.3272



65.8184, 0.3103, 0.3347



65.8184, 0.3102, 0.3211

Square

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



65.8184, 0.3103, 0.3347



65.8184, 0.3036, 0.3228



65.8184, 0.3151, 0.3234



65.8184, 0.3220, 0.3352

Rectangle

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



65.8184, 0.3103, 0.3347



65.8184, 0.3042, 0.3278



65.8184, 0.3151, 0.3234



65.8184, 0.3213, 0.3301

Sweetspot

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



65.8212, 0.3103, 0.3347



99.4167, 0.3121, 0.3305



66.4075, 0.3160, 0.3380



21.2854, 0.3121, 0.3305



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.



65.8212, 0.3103, 0.3347



97.7104, 0.3101, 0.3352



66.0183, 0.3077, 0.3302



14.3402, 0.3096, 0.3363



29.4332, 0.2833, 0.5399



1.7910, 0.2735, 0.5044

Inverse Universe

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



63.1695, 0.3152, 0.3234



93.4223, 0.3154, 0.3229



62.9748, 0.3180, 0.3278



13.6069, 0.3159, 0.3218



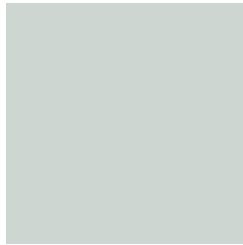
9.7110, 0.4416, 0.2206



0.6015, 0.4153, 0.2062

Previews

White Background



This preview shows how the Yxy color 65.8184, 0.3103, 0.3347 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 65.8184, 0.3103, 0.3347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

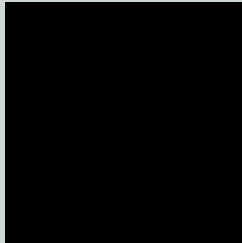
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

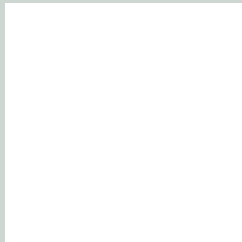
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8184, 0.3103, 0.3347

Background



This preview shows how black text looks on a background with the Yxy color 65.8184, 0.3103, 0.3347.

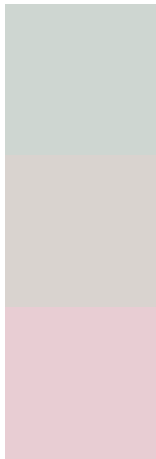


This preview shows how white text looks on a background with the Yxy color 65.8184, 0.3103, 0.3347.

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

65.8184, 0.3103, 0.3347

Protanopia

65.8452, 0.3200, 0.3335

Deuteranopia

65.5216, 0.3292, 0.3225



Tritanopia

65.7453, 0.2999, 0.3100

Trichromacy



Original Color

65.8184, 0.3103, 0.3347

Protanomaly

65.7872, 0.3162, 0.3335

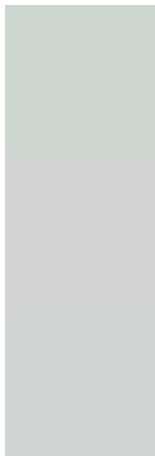
Deuteranomaly

65.4529, 0.3227, 0.3268

Tritanomaly

65.7173, 0.3037, 0.3188

Monochromacy



Original Color

65.8184, 0.3103, 0.3347

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.2954, 0.3119, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8184, 0.3103, 0.3347 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(206, 214, 209) looks like.

```
.text, #text, p{  
    color:rgb(206, 214, 209)  
}
```

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(206, 214, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 214, 209) }
```

Border

The CSS property to change the border of an element to Yxy 65.8184, 0.3103, 0.3347 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(206, 214, 209) }
```

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

```
.border{ border-color:rgb(206, 214, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 214, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 214, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 214, 209);  
box-shadow:4px 4px 4px 4px rgb(206, 214,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8184, 0.3103, 0.3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 214, 209) }
```

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

```
.background{ background-color: rgb(206,  
214, 209) }
```

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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