

Converting Colors

Yxy(66.3957, 0.3031, 0.3292)

Have a look what the booklet for
Yxy(66.3957, 0.3031, 0.3292)
contains.

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Color

Yxy(66.5746, 0.3034, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	CAD8D7
RGB	202, 216, 215
RGB Percent	79%, 85%, 84%
CMY	0.2076, 0.1530, 0.1569
CMYK	0.06, 0.00, 0.00, 0.15
HSL	176°, 15%, 82%
HSV	176°, 6%, 85%
XYZ	61.1897, 66.5746, 73.9158
YIQ	211.7000, -8.0230, -3.2790

Conversions

Conversions Part 2

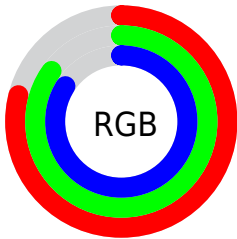
Format	Color
R _Y B	202, 209, 216
Decimal	13293783
CIE Lab	85.29, -4.85, -1.14
CIE LCh	85, 4.986, 193.202
Yxy	66.5746, 0.3034, 0.3301
Android (android.graphics.Color)	4291483863 (0xFFCAD8D7)
YUV	211.7000, 1.6269, -8.5069
Hunter-Lab	81.5933, -8.9246, 3.4042

Details

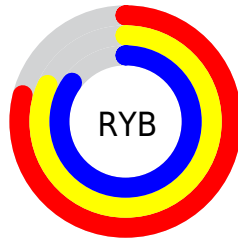
The Yxy color **66.5746, 0.3034, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.1786, 0.3228, 0.3279**, and the grayscale version is **65.6288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.3237, 0.3014, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **63.6930, 0.2895, 0.3319**, and if you desaturate by 10%, it is **69.8843, 0.3179, 0.3284**.

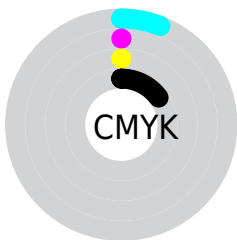
Distribution



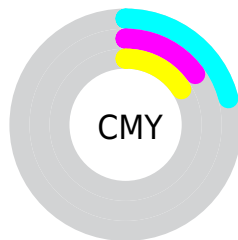
- Red (79%)
- Green (85%)
- Blue (84%)



- Red (79%)
- Yellow (82%)
- Blue (85%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (21%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5746, 0.3034, 0.3301 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 66.5746, 0.3034, 0.3301 by changing the saturation by 10% instead.

■ 66.5746, 0.3034,
0.3301

■ 66.5746, 0.3034,
0.3301

448.4290, 0.3078,
0.3296

■ 48.7390, 0.3024,
0.3302

114.3106, 0.3049,
0.3299

■ 34.4125, 0.3011,
0.3303

144.9799, 0.3055,
0.3299

■ 23.2107, 0.2995,
0.3305

180.6958, 0.3060,
0.3298

■ 14.7491, 0.2974,
0.3307

221.8427, 0.3065,
0.3298

■ 8.6435, 0.2944,
0.3311

268.8051, 0.3069,
0.3297

■ 4.5094, 0.2900,
0.3315

321.9674, 0.3072,

■ 1.9624, 0.2828,

0.3297

0.3321

381.7139, 0.3075,
0.3296

0.5855, 0.2516,
0.3364

0.0000, 0.0000,
0.0000

66.5746, 0.3034,
0.3301

66.5746, 0.3034,
0.3301

63.6930, 0.2895,
0.3319

69.8843, 0.3179,
0.3284

61.2135, 0.2766,
0.3339

73.6301, 0.3328,
0.3269

59.1205, 0.2649,
0.3361

75.5125, 0.3390,
0.3254

57.3938, 0.2547,
0.3383

75.5938, 0.3379,
0.3239

■ 56.0116, 0.2462,
0.3407

■ 75.6758, 0.3368,
0.3224

■ 54.9495, 0.2396,
0.3430

■ 75.7586, 0.3357,
0.3208

■ 54.1803, 0.2349,
0.3454

■ 75.8422, 0.3346,
0.3193

■ 53.6719, 0.2321,
0.3478

■ 75.9264, 0.3335,
0.3178

■ 53.3837, 0.2310,
0.3502

■ 76.0115, 0.3325,
0.3163

Harmonies

Analogous

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



66.5746, 0.3084, 0.3354



66.5746, 0.3034, 0.3301



66.5746, 0.3009, 0.3246

Triad

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



66.5746, 0.3034, 0.3301



66.5746, 0.3107, 0.3194



66.5746, 0.3241, 0.3376

Complementary

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



66.5746, 0.3034, 0.3301



61.1786, 0.3228, 0.3279

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.



66.5746, 0.3247, 0.3333



66.5746, 0.3034, 0.3301



66.5746, 0.3170, 0.3228

Square

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



66.5746, 0.3034, 0.3301



66.5746, 0.3051, 0.3185



66.5746, 0.3221, 0.3278



66.5746, 0.3204, 0.3397

Rectangle

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



66.5746, 0.3034, 0.3301



66.5746, 0.3009, 0.3215



66.5746, 0.3221, 0.3278



66.5746, 0.3247, 0.3364

Sweetspot

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



66.5774, 0.3034, 0.3301



99.0223, 0.3098, 0.3293



66.1006, 0.3128, 0.3451



21.2051, 0.3099, 0.3293



0.0000, 0.0000, 0.0000



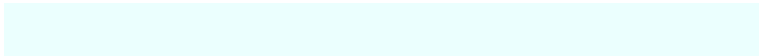
21.4041, 0.3127, 0.3290

Same Dimension

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



66.5774, 0.3034, 0.3301



96.2414, 0.3011, 0.3304



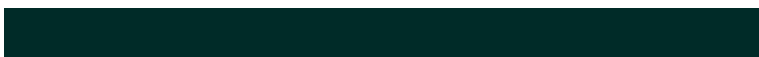
63.7059, 0.3028, 0.3223



14.0920, 0.2992, 0.3306



31.5634, 0.2307, 0.3506



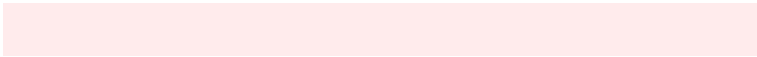
1.9084, 0.2296, 0.3466

Inverse Universe

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



61.1786, 0.3228, 0.3279



86.5067, 0.3256, 0.3276



63.9087, 0.3230, 0.3356



12.4349, 0.3280, 0.3274



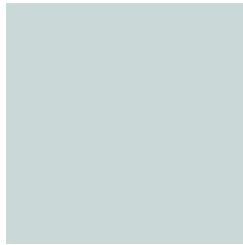
8.6679, 0.6319, 0.3254



0.5279, 0.6076, 0.3121

Previews

White Background



This preview shows how the Yxy color 66.5746, 0.3034, 0.3301 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 66.5746, 0.3034, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

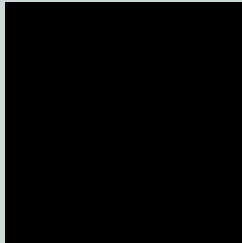
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

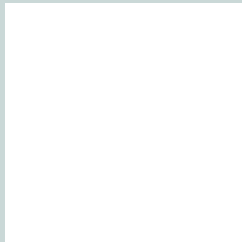
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5746, 0.3034, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 66.5746, 0.3034, 0.3301.

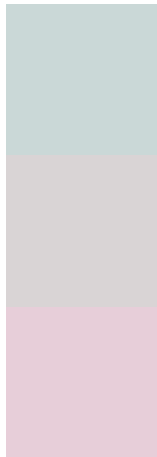


This preview shows how white text looks on a background with the Yxy color 66.5746, 0.3034, 0.3301.

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

66.5746, 0.3034, 0.3301

Protanopia

66.6428, 0.3157, 0.3279

Deuteranopia

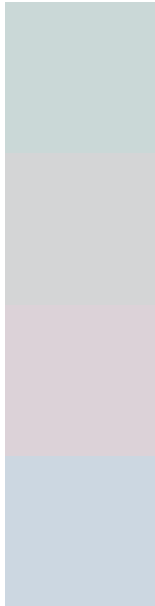
66.1413, 0.3239, 0.3172



Tritanopia

66.8418, 0.2952, 0.3100

Trichromacy



Original Color

66.5746, 0.3034, 0.3301

Protanomaly

66.4406, 0.3113, 0.3279

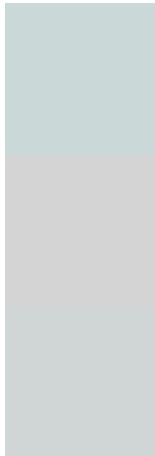
Deuteranomaly

66.2667, 0.3160, 0.3224

Tritanomaly

66.8745, 0.2983, 0.3177

Monochromacy



Original Color

66.5746, 0.3034, 0.3301

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.8025, 0.3091, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5746, 0.3034, 0.3301 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(202, 216, 215)` looks like.

```
.text, #text, p{  
    color:rgb(202, 216, 215)  
}
```

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(202, 216, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 216, 215) }
```

Border

The CSS property to change the border of an element to Yxy 66.5746, 0.3034, 0.3301 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(202, 216, 215) }
```

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

```
.border{ border-color:rgb(202, 216, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 216, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 216, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 216, 215);  
box-shadow:4px 4px 4px 4px rgb(202, 216,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5746, 0.3034, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 216, 215) }
```

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

```
.background{ background-color: rgb(202,  
216, 215) }
```

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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