

Converting Colors

Yxy(65.1217, 0.3084, 0.3278)

Have a look what the booklet for
Yxy(65.1217, 0.3084, 0.3278)
contains.

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Color

Yxy(65.1565, 0.3084, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	CFD4D5
RGB	207, 212, 213
RGB Percent	81%, 83%, 84%
CMY	0.1880, 0.1687, 0.1646
CMYK	0.03, 0.00, 0.00, 0.16
HSL	190°, 7%, 82%
HSV	190°, 3%, 84%
XYZ	61.3004, 65.1565, 72.3122
YIQ	210.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

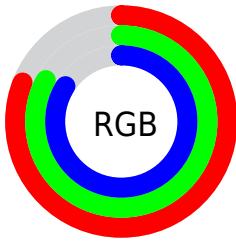
Format	Color
RYB	207, 210, 213
Decimal	13620437
CIELab	84.56, -1.47, -1.11
CIElCh	85, 1.842, 216.944
Yxy	65.1565, 0.3084, 0.3278
Android (android.graphics.Color)	4291810517 (0xFFCFD4D5)
YUV	210.6190, 1.1738, -3.1739
Hunter-Lab	80.7196, -5.7021, 3.3891

Details

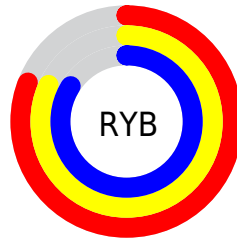
The Yxy color **65.1565, 0.3084, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8180, 0.3172, 0.3302**, and the grayscale version is **64.8785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.3549, 0.3079, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **60.4596, 0.2931, 0.3233**, and if you desaturate by 10%, it is **70.3156, 0.3238, 0.3319**.

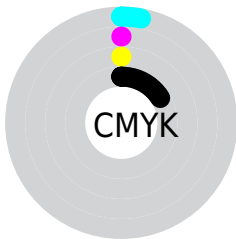
Distribution



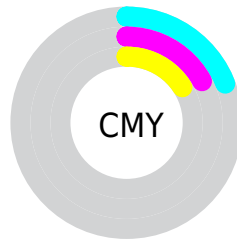
- Red (81%)
- Green (83%)
- Blue (84%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.1565, 0.3084, 0.3278 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 65.1565, 0.3084, 0.3278 by changing the saturation by 10% instead.

■ 65.1565, 0.3084,
0.3278

■ 65.1565, 0.3084,
0.3278

443.3541, 0.3104,
0.3284

■ 47.5880, 0.3079,
0.3277

112.2748, 0.3091,
0.3280

■ 33.5007, 0.3073,
0.3275

142.5934, 0.3094,
0.3281

■ 22.5103, 0.3066,
0.3273

177.9309, 0.3096,
0.3282

■ 14.2323, 0.3056,
0.3270

218.6715, 0.3098,
0.3282

■ 8.2824, 0.3041,
0.3266

265.1998, 0.3100,
0.3283

■ 4.2762, 0.3020,
0.3259

317.9000, 0.3102,

■ 1.8292, 0.2986,

0.3283

377.1567, 0.3103,
0.3283

0.3249

0.5053, 0.2817,
0.3204

0.0000, 0.0000,
0.0000

65.1565, 0.3084,
0.3278

65.1565, 0.3084,
0.3278

60.4596, 0.2931,
0.3233

70.3156, 0.3238,
0.3319

56.1999, 0.2783,
0.3183

75.9444, 0.3392,
0.3356

52.3623, 0.2643,
0.3129

78.9054, 0.3426,
0.3393

48.9276, 0.2513,
0.3072

80.9121, 0.3420,
0.3430

■ 45.8751, 0.2397,
0.3013

■ 82.9625, 0.3414,
0.3466

■ 43.1819, 0.2297,
0.2951

■ 85.0570, 0.3408,
0.3503

■ 40.8226, 0.2216,
0.2888

■ 87.1958, 0.3402,
0.3539

■ 38.7677, 0.2154,
0.2825

■ 89.3791, 0.3396,
0.3575

■ 36.9820, 0.2111,
0.2763

■ 91.6072, 0.3390,
0.3610

Harmonies

Analogous

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



65.1565, 0.3096, 0.3299



65.1565, 0.3084, 0.3278



65.1565, 0.3084, 0.3261

Triad

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



65.1565, 0.3084, 0.3278



65.1565, 0.3138, 0.3264



65.1565, 0.3159, 0.3329

Complementary

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



65.1565, 0.3084, 0.3278



63.8180, 0.3172, 0.3302

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.



65.1565, 0.3171, 0.3320



65.1565, 0.3084, 0.3278



65.1565, 0.3159, 0.3282

Square

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



65.1565, 0.3084, 0.3278



65.1565, 0.3115, 0.3252



65.1565, 0.3171, 0.3302



65.1565, 0.3139, 0.3328

Rectangle

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



65.1565, 0.3084, 0.3278



65.1565, 0.3090, 0.3253



65.1565, 0.3171, 0.3302



65.1565, 0.3164, 0.3327

Sweetspot

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



65.1593, 0.3084, 0.3278



99.2364, 0.3112, 0.3286



65.4319, 0.3117, 0.3347



21.2487, 0.3112, 0.3286



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.



65.1593, 0.3084, 0.3278



97.7303, 0.3080, 0.3277



63.7040, 0.3085, 0.3244



14.3174, 0.3069, 0.3274



22.0083, 0.2091, 0.2727



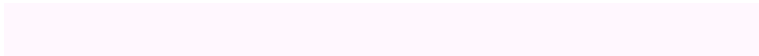
1.4265, 0.2121, 0.2835

Inverse Universe

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



63.5573, 0.3138, 0.3234



95.1302, 0.3138, 0.3230



65.2646, 0.3169, 0.3335



13.8439, 0.3141, 0.3215



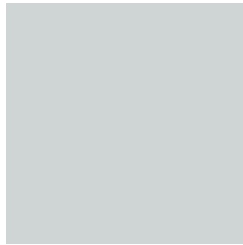
10.5666, 0.3702, 0.1813



0.6473, 0.3603, 0.1758

Previews

White Background



This preview shows how the Yxy color 65.1565, 0.3084, 0.3278 looks on a white background.

Color Contrast Check

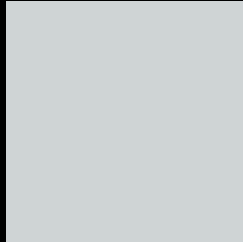
Large Text (above 18pt) WCAG AA × Fail

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 65.1565, 0.3084, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

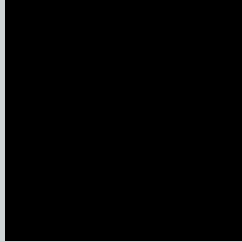
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

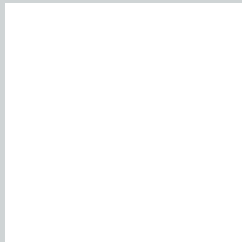
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.1565, 0.3084, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 65.1565, 0.3084, 0.3278.

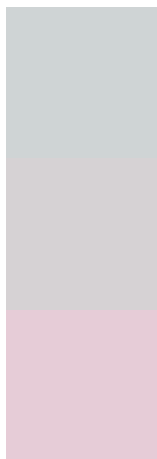


This preview shows how white text looks on a background with the Yxy color 65.1565, 0.3084, 0.3278.

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

65.1565, 0.3084, 0.3278

Protanopia

65.1428, 0.3143, 0.3268

Deuteranopia

64.9150, 0.3248, 0.3171



Tritanopia

65.1395, 0.3012, 0.3111

Trichromacy



Original Color

65.1565, 0.3084, 0.3278

Protanomaly

65.1909, 0.3120, 0.3279

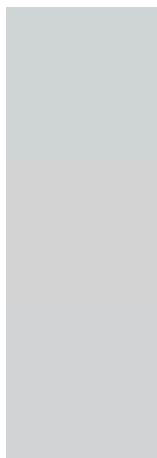
Deuteranomaly

65.0103, 0.3191, 0.3213

Tritanomaly

65.2189, 0.3038, 0.3177

Monochromacy



Original Color

65.1565, 0.3084, 0.3278

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.0436, 0.3113, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1565, 0.3084, 0.3278 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(207, 212, 213)` looks like.

```
.text, #text, p{  
    color:rgb(207, 212, 213)  
}
```

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(207, 212, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 212, 213) }
```

Border

The CSS property to change the border of an element to Yxy 65.1565, 0.3084, 0.3278 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(207, 212, 213) }
```

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

```
.border{ border-color:rgb(207, 212, 213) }
```

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

Here you see how a box with a 4 pixel rgb(207, 212, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 212, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 212, 213);  
box-shadow:4px 4px 4px 4px rgb(207, 212,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1565, 0.3084, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 212, 213) }
```

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

```
.background{ background-color: rgb(207,  
212, 213) }
```

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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