

Converting Colors

Yxy(65.2064, 0.3013, 0.3283)

Have a look what the booklet for
Yxy(65.2064, 0.3013, 0.3283)
contains.

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Color

Yxy(65.1415, 0.3013, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C7D6D7
RGB	199, 214, 215
RGB Percent	78%, 84%, 84%
CMY	0.2194, 0.1608, 0.1569
CMYK	0.07, 0.00, 0.00, 0.16
HSL	184°, 17%, 81%
HSV	184°, 7%, 84%
XYZ	59.8753, 65.1415, 73.7065
YIQ	209.6290, -9.2610, -2.8690

Conversions

Conversions Part 2

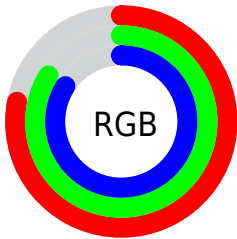
Format	Color
RYB	199, 207, 215
Decimal	13096663
CIELab	84.56, -4.81, -2.23
CIELCh	85, 5.306, 204.908
Yxy	65.1415, 0.3013, 0.3278
Android (android.graphics.Color)	4291286743 (0xFFC7D6D7)
YUV	209.6290, 2.6479, -9.3216
Hunter-Lab	80.7103, -8.8219, 2.3522

Details

The Yxy color **65.1415, 0.3013, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9099, 0.3252, 0.3302**, and the grayscale version is **64.1863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.3541, 0.2986, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **61.7218, 0.2865, 0.3261**, and if you desaturate by 10%, it is **68.9880, 0.3167, 0.3294**.

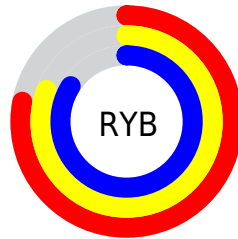
Distribution



Red (78%)

Green (84%)

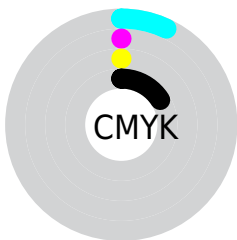
Blue (84%)



Red (78%)

Yellow (81%)

Blue (84%)

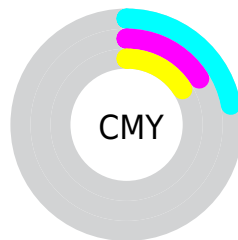


Cyan (7%)

Magenta (0%)

Yellow (0%)

Black (16%)



Cyan (22%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.1415, 0.3013, 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 65.1415, 0.3013, 0.3278 by changing the saturation by 10% instead.

■ 65.1415, 0.3013,
0.3278

■ 65.1415, 0.3013,
0.3278

443.3003, 0.3067,
0.3284

■ 47.5758, 0.3000,
0.3277

112.2533, 0.3032,
0.3280

■ 33.4911, 0.2985,
0.3275

142.5681, 0.3039,
0.3281

■ 22.5029, 0.2965,
0.3272

177.9016, 0.3045,
0.3282

■ 14.2269, 0.2938,
0.3269

218.6379, 0.3051,
0.3282

■ 8.2787, 0.2901,
0.3264

265.1615, 0.3056,
0.3283

■ 4.2738, 0.2847,
0.3257

317.8569, 0.3060,

■ 1.8279, 0.2757,

0.3283

377.1083, 0.3063,
0.3284

0.3243

0.5044, 0.2303,
0.3209

0.0000, 0.0000,
0.0000

65.1415, 0.3013,
0.3278

65.1415, 0.3013,
0.3278

61.7218, 0.2865,
0.3261

68.9880, 0.3167,
0.3294

58.7032, 0.2725,
0.3242

73.2693, 0.3325,
0.3308

56.0701, 0.2598,
0.3222

76.3454, 0.3420,
0.3322

53.8022, 0.2486,
0.3202

77.0537, 0.3418,
0.3336

■ 51.8779, 0.2391,
0.3180

■ 77.7679, 0.3416,
0.3349

■ 50.2728, 0.2314,
0.3159

■ 78.4879, 0.3413,
0.3363

■ 48.9595, 0.2257,
0.3137

■ 79.2137, 0.3411,
0.3376

■ 47.9059, 0.2218,
0.3116

■ 79.9453, 0.3409,
0.3390

■ 47.0681, 0.2196,
0.3095

■ 80.6828, 0.3407,
0.3404

Harmonies

Analogous

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



65.1415, 0.3058, 0.3338



65.1415, 0.3013, 0.3278



65.1415, 0.2999, 0.3222

Triad

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



65.1415, 0.3013, 0.3278



65.1415, 0.3132, 0.3198



65.1415, 0.3237, 0.3395

Complementary

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



65.1415, 0.3013, 0.3278



59.9099, 0.3252, 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.



65.1415, 0.3258, 0.3356



65.1415, 0.3013, 0.3278



65.1415, 0.3197, 0.3243

Square

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



65.1415, 0.3013, 0.3278



65.1415, 0.3067, 0.3177



65.1415, 0.3243, 0.3301



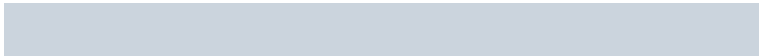
65.1415, 0.3187, 0.3405

Rectangle

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



65.1415, 0.3013, 0.3278



65.1415, 0.3008, 0.3195



65.1415, 0.3243, 0.3301



65.1415, 0.3248, 0.3384

Sweetspot

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



65.1442, 0.3013, 0.3278



98.8399, 0.3096, 0.3287



64.9131, 0.3113, 0.3468



21.1680, 0.3097, 0.3287



0.0000, 0.0000, 0.0000



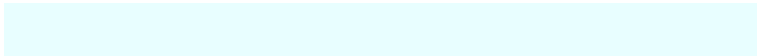
21.4041, 0.3127, 0.3290

Same Dimension

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



65.1442, 0.3013, 0.3278



94.9817, 0.2988, 0.3275



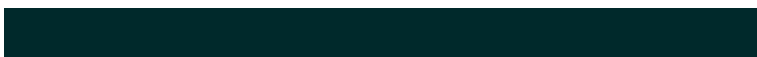
61.3085, 0.3013, 0.3188



13.9671, 0.2983, 0.3275



28.0921, 0.2193, 0.3093



1.7359, 0.2203, 0.3129

Inverse Universe

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



60.1727, 0.3143, 0.3121



86.1283, 0.3147, 0.3082



63.5987, 0.3244, 0.3390



12.6185, 0.3147, 0.3075



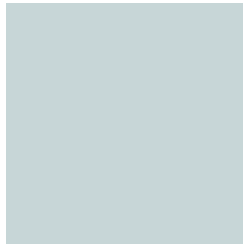
11.1808, 0.3373, 0.1632



0.6786, 0.3342, 0.1615

Previews

White Background



This preview shows how the Yxy color 65.1415, 0.3013, 0.3278 looks on a white background.

Color Contrast Check

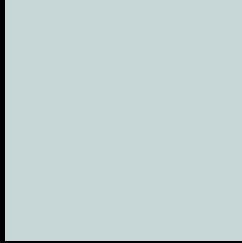
Large Text (above 18pt) WCAG AA × Fail

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 65.1415, 0.3013, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

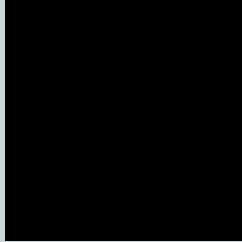
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

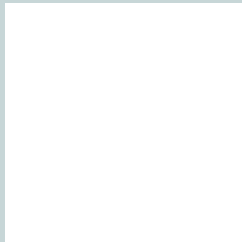
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.1415, 0.3013, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 65.1415, 0.3013, 0.3278.



This preview shows how white text looks on a background with the Yxy color 65.1415, 0.3013, 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

65.1415, 0.3013, 0.3278

Protanopia

65.1934, 0.3136, 0.3256

Deuteranopia

64.6895, 0.3218, 0.3149



Tritanopia

65.1616, 0.2936, 0.3097

Trichromacy



Original Color

65.1415, 0.3013, 0.3278

Protanomaly

64.9989, 0.3092, 0.3256

Deuteranomaly

64.8213, 0.3139, 0.3201

Tritanomaly

65.2497, 0.2961, 0.3164

Monochromacy



Original Color

65.1415, 0.3013, 0.3278

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.4638, 0.3084, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1415, 0.3013, 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(199, 214, 215)` looks like.

```
.text, #text, p{  
    color:rgb(199, 214, 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(199, 214, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 214, 215) }
```

Border

The CSS property to change the border of an element to Yxy 65.1415, 0.3013, 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(199, 214, 215) }
```

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

```
.border{ border-color:rgb(199, 214, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 214, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 214, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 214, 215);  
box-shadow:4px 4px 4px 4px rgb(199, 214,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1415, 0.3013, 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(199, 214, 215) }
```

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

```
.background{ background-color: rgb(199,  
214, 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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