

Converting Colors

Yxy(65.9309, 0.3168, 0.3213)

Have a look what the booklet for
Yxy(65.9309, 0.3168, 0.3213)
contains.

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Color

Yxy(65.9309, 0.3168, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	DDD1D8
RGB	221, 209, 216
RGB Percent	87%, 82%, 85%
CMY	0.1334, 0.1803, 0.1530
CMYK	0.00, 0.05, 0.02, 0.13
HSL	325°, 15%, 84%
HSV	325°, 5%, 87%
XYZ	65.0075, 65.9309, 74.2620
YIQ	213.3860, 4.9050, 4.7210

Conversions

Conversions Part 2

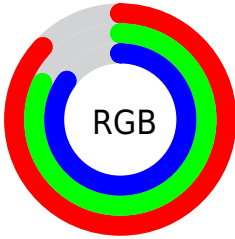
Format	Color
R _Y B	221, 209, 216
Decimal	14537176
CIE Lab	84.96, 5.36, -1.98
CIE LCh	85, 5.709, 339.733
Yxy	65.9309, 0.3168, 0.3213
Android (android.graphics.Color)	4292727256 (0xFFDDD1D8)
YUV	213.3860, 1.2887, 6.6775
Hunter-Lab	81.1978, 0.8120, 2.6130

Details

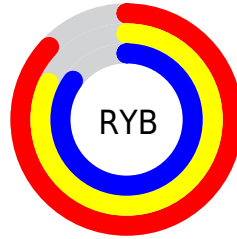
The Yxy color **65.9309, 0.3168, 0.3213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.1119, 0.3088, 0.3368**, and the grayscale version is **66.7996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.1229, 0.3181, 0.3203** is the 20% darker color. If you saturate the color by 10%, you get **55.3686, 0.3255, 0.3065**, and if you desaturate by 10%, it is **78.0294, 0.3096, 0.3353**.

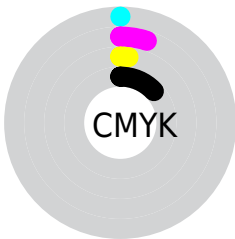
Distribution



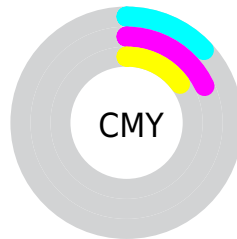
- Red (87%)
- Green (82%)
- Blue (85%)



- Red (87%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.9309, 0.3168, 0.3213 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 65.9309, 0.3168, 0.3213 by changing the saturation by 10% instead.

■ 65.9309, 0.3168,
0.3213

■ 65.9309, 0.3168,
0.3213

446.1297, 0.3149,
0.3249

■ 48.2163, 0.3172,
0.3205

113.3872, 0.3161,
0.3226

■ 33.9982, 0.3178,
0.3194

143.8976, 0.3159,
0.3231

■ 22.8922, 0.3185,
0.3181

179.4421, 0.3157,
0.3235

■ 14.5140, 0.3194,
0.3163

220.4051, 0.3155,
0.3238

■ 8.4790, 0.3207,
0.3139

267.1710, 0.3153,
0.3242

■ 4.4029, 0.3226,
0.3103

320.1241, 0.3151,

■ 1.9014, 0.3257,

0.3244

379.6489, 0.3150,
0.3247

0.3045

0.5492, 0.3368,
0.2834

0.0000, 0.0000,
0.0000

65.9309, 0.3168,
0.3213

65.9309, 0.3168,
0.3213

55.3686, 0.3255,
0.3065

78.0294, 0.3096,
0.3353

46.2721, 0.3358,
0.2911

91.7140, 0.3035,
0.3484

38.5779, 0.3480,
0.2756

93.3951, 0.2985,
0.3406

32.2147, 0.3622,
0.2607

93.9666, 0.2935,
0.3312

■ 27.1050, 0.3783,
0.2472

■ 94.1083, 0.2923,
0.3289

■ 23.1629, 0.3961,
0.2362

■ 20.2918, 0.4152,
0.2291

■ 18.3793, 0.4348,
0.2267

■ 17.2877, 0.4540,
0.2297

Harmonies

Analogous

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



65.9309, 0.3096, 0.3177



65.9309, 0.3168, 0.3213



65.9309, 0.3230, 0.3269

Triad

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



65.9309, 0.3168, 0.3213



65.9309, 0.3222, 0.3412



65.9309, 0.2993, 0.3246

Complementary

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



65.9309, 0.3168, 0.3213



70.1119, 0.3088, 0.3368

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.



65.9309, 0.3026, 0.3310



65.9309, 0.3168, 0.3213



65.9309, 0.3157, 0.3407

Square

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



65.9309, 0.3168, 0.3213



65.9309, 0.3261, 0.3384



65.9309, 0.3086, 0.3369



65.9309, 0.2995, 0.3195

Rectangle

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



65.9309, 0.3168, 0.3213



65.9309, 0.3256, 0.3311



65.9309, 0.3086, 0.3369



65.9309, 0.3000, 0.3267

Sweetspot

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



65.9338, 0.3168, 0.3213



96.6531, 0.3142, 0.3262



65.0928, 0.3080, 0.3156



20.7228, 0.3141, 0.3263



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.



65.9338, 0.3168, 0.3213



90.2203, 0.3173, 0.3204



65.6397, 0.3209, 0.3277



13.8404, 0.3178, 0.3196



9.8739, 0.4599, 0.2307



0.6567, 0.4312, 0.2149

Inverse Universe

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



65.9338, 0.3168, 0.3213



90.2203, 0.3173, 0.3204



70.4128, 0.3051, 0.3303



13.8404, 0.3178, 0.3196



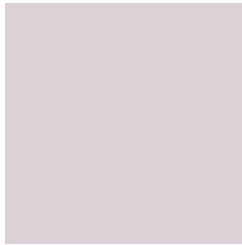
9.8739, 0.4599, 0.2307



0.6567, 0.4312, 0.2149

Previews

White Background



This preview shows how the Yxy color 65.9309, 0.3168, 0.3213 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 65.9309, 0.3168, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

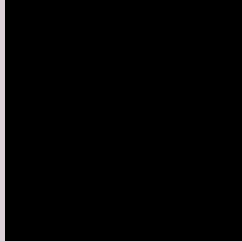
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

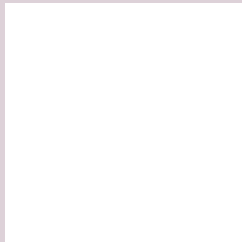
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.9309, 0.3168, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 65.9309, 0.3168, 0.3213.

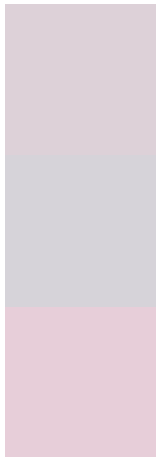


This preview shows how white text looks on a background with the Yxy color 65.9309, 0.3168, 0.3213.

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

65.9309, 0.3168, 0.3213

Protanopia

65.8944, 0.3108, 0.3223

Deuteranopia

66.1413, 0.3239, 0.3172



Tritanopia

66.0232, 0.3120, 0.3115

Trichromacy



Original Color

65.9309, 0.3168, 0.3213

Protanomaly

65.8547, 0.3131, 0.3212

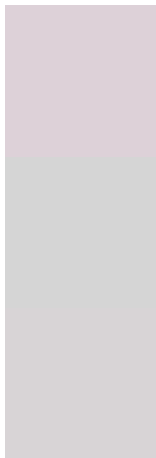
Deuteranomaly

65.9663, 0.3208, 0.3181

Tritanomaly

65.8618, 0.3141, 0.3148

Monochromacy



Original Color

65.9309, 0.3168, 0.3213

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.5409, 0.3143, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9309, 0.3168, 0.3213 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(221, 209, 216) looks like.

```
.text, #text, p{  
    color:rgb(221, 209, 216)  
}
```

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(221, 209, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 209, 216) }
```

Border

The CSS property to change the border of an element to Yxy 65.9309, 0.3168, 0.3213 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(221, 209, 216) }
```

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

```
.border{ border-color:rgb(221, 209, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 209, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 209, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 209, 216);  
box-shadow:4px 4px 4px 4px rgb(221, 209,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9309, 0.3168, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 209, 216) }
```

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

```
.background{ background-color: rgb(221,  
209, 216) }
```

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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