

Converting Colors

$Yxy(63.0048, 0.3214, 0.3234)$

Have a look what the booklet for
Yxy(63.0048, 0.3214, 0.3234)
contains.

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Color

Yxy(63.0048, 0.3214, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	DCCCD1
RGB	220, 204, 209
RGB Percent	86%, 80%, 82%
CMY	0.1373, 0.2000, 0.1803
CMYK	0.00, 0.07, 0.05, 0.14
HSL	341°, 19%, 83%
HSV	341°, 7%, 86%
XYZ	62.6152, 63.0048, 69.2001
YIQ	209.3540, 7.9310, 4.9470

Conversions

Conversions Part 2

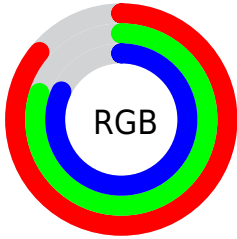
Format	Color
RYB	220, 204, 209
Decimal	14470353
CIELab	83.44, 6.42, -0.50
CIElCh	83, 6.439, 355.571
Yxy	63.0048, 0.3214, 0.3234
Android (android.graphics.Color)	4292660433 (0xFFDCCCD1)
YUV	209.3540, -0.1745, 9.3365
Hunter-Lab	79.3756, 1.9019, 3.8735

Details

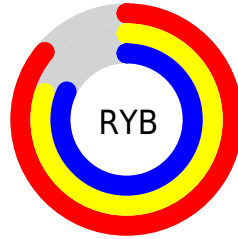
The Yxy color **63.0048, 0.3214, 0.3234** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.9202, 0.3047, 0.3347**, and the grayscale version is **64.0021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.1786, 0.3233, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **52.5655, 0.3357, 0.3153**, and if you desaturate by 10%, it is **74.9973, 0.3098, 0.3310**.

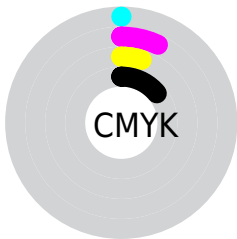
Distribution



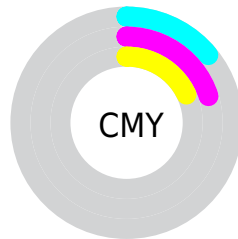
- Red (86%)
- Green (80%)
- Blue (82%)



- Red (86%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (14%)




- Cyan (14%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.0048, 0.3214, 0.3234 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 63.0048, 0.3214, 0.3234 by changing the saturation by 10% instead.

 63.0048, 0.3214,
0.3234

 63.0048, 0.3214,
0.3234


435.5869, 0.3173,
0.3261

 45.8451, 0.3224,
0.3228

109.1764, 0.3199,
0.3243

 32.1236, 0.3236,
0.3220


138.9572, 0.3194,
0.3247

 21.4559, 0.3251,
0.3210


173.7137, 0.3189,
0.3250

 13.4577, 0.3272,
0.3196

213.8304, 0.3185,
0.3253

 7.7445, 0.3301,
0.3178

259.6916, 0.3181,
0.3255

 3.9319, 0.3346,
0.3149

311.6819, 0.3178,

 1.6355, 0.3419,

0.3257

0.3102

370.1855, 0.3175,
0.3259

0.3814, 0.3844,
0.2824

0.0000, 0.0000,
0.0000

63.0048, 0.3214,
0.3234

63.0048, 0.3214,
0.3234

52.5655, 0.3357,
0.3153

74.9973, 0.3098,
0.3310

43.6076, 0.3532,
0.3068

88.5946, 0.3003,
0.3381

36.0659, 0.3744,
0.2982

93.9069, 0.2921,
0.3297

29.8672, 0.3999,
0.2902

93.9529, 0.2917,
0.3289

■ 24.9315, 0.4297,
0.2835

■ 21.1704, 0.4632,
0.2792

■ 18.4839, 0.4990,
0.2785

■ 16.7548, 0.5343,
0.2824

■ 15.8282, 0.5660,
0.2910

Harmonies

Analogous

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



63.0048, 0.3135, 0.3179



63.0048, 0.3214, 0.3234



63.0048, 0.3270, 0.3304

Triad

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



63.0048, 0.3214, 0.3234



63.0048, 0.3199, 0.3432



63.0048, 0.2970, 0.3206

Complementary

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



63.0048, 0.3214, 0.3234



68.9202, 0.3047, 0.3347

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.



63.0048, 0.2986, 0.3273



63.0048, 0.3214, 0.3234



63.0048, 0.3118, 0.3405

Square

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



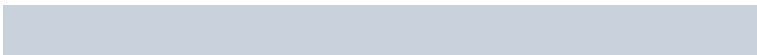
63.0048, 0.3214, 0.3234



63.0048, 0.3261, 0.3419



63.0048, 0.3040, 0.3347



63.0048, 0.2995, 0.3162

Rectangle

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



63.0048, 0.3214, 0.3234



63.0048, 0.3286, 0.3351



63.0048, 0.3040, 0.3347



63.0048, 0.2971, 0.3226

Sweetspot

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



63.0075, 0.3214, 0.3234



96.5659, 0.3150, 0.3275



62.7917, 0.3097, 0.3111



20.7050, 0.3149, 0.3276



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.



63.0075, 0.3214, 0.3234



85.2489, 0.3238, 0.3220



64.1681, 0.3248, 0.3323



13.1186, 0.3243, 0.3217



9.2009, 0.5700, 0.2914



0.6114, 0.5234, 0.2657

Inverse Universe

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



63.0075, 0.3214, 0.3234



85.2489, 0.3238, 0.3220



67.6585, 0.3015, 0.3257



13.1186, 0.3243, 0.3217



9.2009, 0.5700, 0.2914



0.6114, 0.5234, 0.2657

Previews

White Background



This preview shows how the Yxy color 63.0048, 0.3214, 0.3234 looks on a white background.

Color Contrast Check

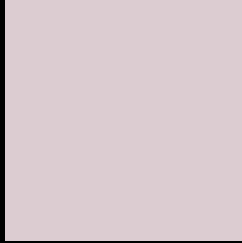
Large Text (above 18pt) WCAG AA × Fail

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 63.0048, 0.3214, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

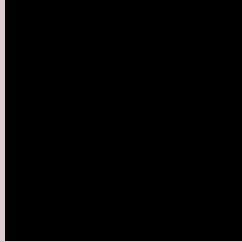
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

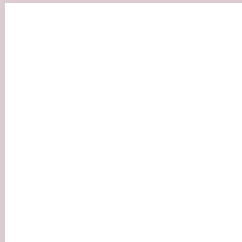
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.0048, 0.3214, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 63.0048, 0.3214, 0.3234.



This preview shows how white text looks on a background with the Yxy color 63.0048, 0.3214, 0.3234.

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

63.0048, 0.3214, 0.3234

Protanopia

63.1777, 0.3129, 0.3244

Deuteranopia

62.7573, 0.3264, 0.3191



Tritanopia

63.1460, 0.3158, 0.3124

Trichromacy



Original Color

63.0048, 0.3214, 0.3234

Protanomaly

63.0919, 0.3160, 0.3245

Deuteranomaly

62.7415, 0.3240, 0.3202

Tritanomaly

62.9903, 0.3179, 0.3157

Monochromacy



Original Color

63.0048, 0.3214, 0.3234

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.3752, 0.3158, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0048, 0.3214, 0.3234 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(220, 204, 209)` looks like.

```
.text, #text, p{  
    color:rgb(220, 204, 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(220, 204, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 204, 209) }
```

Border

The CSS property to change the border of an element to Yxy 63.0048, 0.3214, 0.3234 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(220, 204, 209) }
```

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

```
.border{ border-color:rgb(220, 204, 209) }
```

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

Here you see how a box with a 4 pixel rgb(220, 204, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 204, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 204, 209);  
box-shadow:4px 4px 4px 4px rgb(220, 204,  
209) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 63.0048, 0.3214, 0.3234$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 204, 209) }
```

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

```
.background{ background-color: rgb(220,  
204, 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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