

Converting Colors

Yxy(63.6107, 0.3206, 0.3241)

Have a look what the booklet for
Yxy(63.6107, 0.3206, 0.3241)
contains.

Yxy(63.5314, 0.3206, 0.3234)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(63.5314, 0.3206, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	DCCDD2
RGB	220, 205, 210
RGB Percent	86%, 80%, 82%
CMY	0.1373, 0.1961, 0.1763
CMYK	0.00, 0.07, 0.05, 0.14
HSL	340°, 18%, 83%
HSV	340°, 7%, 86%
XYZ	62.9813, 63.5314, 69.9356
YIQ	210.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

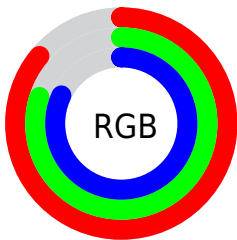
Format	Color
R _Y B	220, 205, 210
Decimal	14470610
CIE Lab	83.72, 6.07, -0.63
CIE LCh	84, 6.107, 354.098
Yxy	63.5314, 0.3206, 0.3234
Android (android.graphics.Color)	4292660690 (0xFFDCCDD2)
YUV	210.0550, -0.0271, 8.7218
Hunter-Lab	79.7066, 1.5579, 3.7728

Details

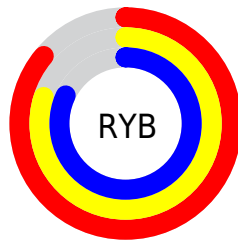
The Yxy color **63.5314, 0.3206, 0.3234** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.0690, 0.3054, 0.3347**, and the grayscale version is **64.4856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.5329, 0.3222, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **53.0424, 0.3343, 0.3147**, and if you desaturate by 10%, it is **75.5724, 0.3094, 0.3315**.

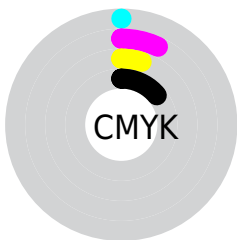
Distribution



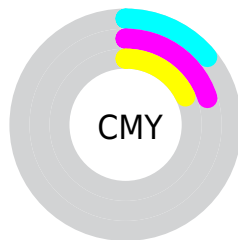
- Red (86%)
- Green (80%)
- Blue (82%)



- 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 63.5314, 0.3206, 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 63.5314, 0.3206, 0.3234 by changing the saturation by 10% instead.

63.5314, 0.3206,
0.3234

63.5314, 0.3206,
0.3234

437.4955, 0.3169,
0.3261

46.2712, 0.3215,
0.3228

109.9358, 0.3193,
0.3243

32.4599, 0.3226,
0.3220

139.8488, 0.3188,
0.3247

21.7130, 0.3240,
0.3210

174.7483, 0.3183,
0.3250

13.6462, 0.3259,
0.3197

215.0185, 0.3180,
0.3253

7.8750, 0.3285,
0.3178

261.0440, 0.3176,
0.3255

4.0151, 0.3324,
0.3150

313.2090, 0.3174,

1.6820, 0.3390,

0.3257

0.3104

371.8981, 0.3171,
0.3259

0.4120, 0.3738,
0.2852

0.0000, 0.0000,
0.0000

63.5314, 0.3206,
0.3234

63.5314, 0.3206,
0.3234

53.0424, 0.3343,
0.3147

75.5724, 0.3094,
0.3315

44.0338, 0.3511,
0.3057

89.2166, 0.3002,
0.3390

36.4409, 0.3715,
0.2966

93.8844, 0.2923,
0.3301

30.1909, 0.3959,
0.2880

93.9551, 0.2917,
0.3289

■ 25.2043, 0.4244,
0.2806

■ 21.3935, 0.4566,
0.2757

■ 18.6591, 0.4911,
0.2745

■ 16.8854, 0.5255,
0.2779

■ 15.9235, 0.5569,
0.2862

Harmonies

Analogous

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



63.5314, 0.3131, 0.3183



63.5314, 0.3206, 0.3234



63.5314, 0.3260, 0.3300

Triad

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



63.5314, 0.3206, 0.3234



63.5314, 0.3198, 0.3424



63.5314, 0.2978, 0.3213

Complementary

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



63.5314, 0.3206, 0.3234



69.0690, 0.3054, 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.



63.5314, 0.2996, 0.3278



63.5314, 0.3206, 0.3234



63.5314, 0.3122, 0.3401

Square

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



63.5314, 0.3206, 0.3234



63.5314, 0.3256, 0.3411



63.5314, 0.3048, 0.3347



63.5314, 0.3000, 0.3170

Rectangle

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



63.5314, 0.3206, 0.3234



63.5314, 0.3277, 0.3345



63.5314, 0.3048, 0.3347



63.5314, 0.2980, 0.3233

Sweetspot

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



63.5342, 0.3206, 0.3234



96.5727, 0.3149, 0.3274



63.2406, 0.3096, 0.3122



20.7064, 0.3148, 0.3275



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.



63.5342, 0.3206, 0.3234



86.8251, 0.3222, 0.3223



64.3712, 0.3240, 0.3316



13.1232, 0.3239, 0.3212



9.2369, 0.5622, 0.2870



0.6141, 0.5161, 0.2617

Inverse Universe

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



63.5342, 0.3206, 0.3234



86.8251, 0.3222, 0.3223



68.1589, 0.3022, 0.3264



13.1232, 0.3239, 0.3212



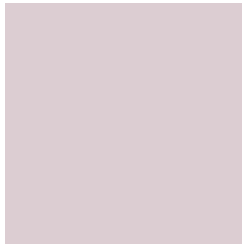
9.2369, 0.5622, 0.2870



0.6141, 0.5161, 0.2617

Previews

White Background



This preview shows how the Yxy color 63.5314, 0.3206, 0.3234 looks on a white background.

Color Contrast Check

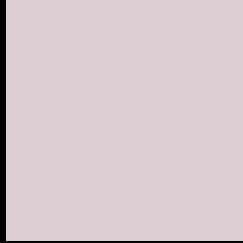
Large Text (above 18pt) WCAG AA × Fail

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 63.5314, 0.3206, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

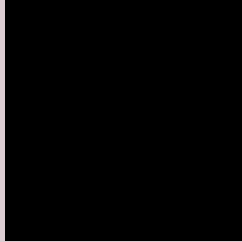
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

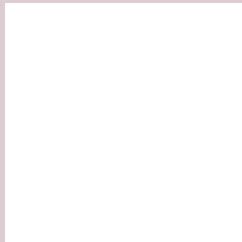
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.5314, 0.3206, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 63.5314, 0.3206, 0.3234.



This preview shows how white text looks on a background with the Yxy color 63.5314, 0.3206, 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

63.5314, 0.3206, 0.3234

Protanopia

63.8623, 0.3129, 0.3245

Deuteranopia

63.4382, 0.3264, 0.3192



Tritanopia

63.7252, 0.3143, 0.3113

Trichromacy



Original Color

63.5314, 0.3206, 0.3234

Protanomaly

63.7759, 0.3159, 0.3245

Deuteranomaly

63.4226, 0.3239, 0.3202

Tritanomaly

63.5158, 0.3172, 0.3157

Monochromacy



Original Color

63.5314, 0.3206, 0.3234

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.0610, 0.3158, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5314, 0.3206, 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, 205, 210)` looks like.

```
.text, #text, p{  
    color:rgb(220, 205, 210)  
}
```

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, 205, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 205, 210) }
```

Border

The CSS property to change the border of an element to Yxy 63.5314, 0.3206, 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, 205, 210) }
```

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

```
.border{ border-color:rgb(220, 205, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 205, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 205, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 205, 210);  
box-shadow:4px 4px 4px 4px rgb(220, 205,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5314, 0.3206, 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, 205, 210) }
```

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

```
.background{ background-color: rgb(220,  
205, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor