

Converting Colors

Yxy(63.4581, 0.3158, 0.3207)

Have a look what the booklet for
Yxy(63.4581, 0.3158, 0.3207)
contains.

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Color

Yxy(63.6984, 0.3161, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	D9CED5
RGB	217, 206, 213
RGB Percent	85%, 81%, 84%
CMY	0.1492, 0.1921, 0.1648
CMYK	0.00, 0.05, 0.02, 0.15
HSL	322°, 13%, 83%
HSV	322°, 5%, 85%
XYZ	62.6870, 63.6984, 71.9284
YIQ	210.0870, 4.3090, 4.5090

Conversions

Conversions Part 2

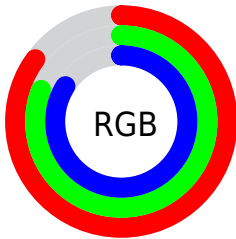
Format	Color
R_{YB}	217, 206, 213
Decimal	14274261
CIE Lab	83.81, 5.02, -2.10
CIE LCh	84, 5.441, 337.282
Yxy	63.6984, 0.3161, 0.3212
Android (android.graphics.Color)	4292464341 (0xFFD9CED5)
YUV	210.0870, 1.4361, 6.0627
Hunter-Lab	79.8113, 0.5314, 2.4339

Details

The Yxy color **63.6984, 0.3161, 0.3212** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.3860, 0.3095, 0.3369**, and the grayscale version is **64.4954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.6065, 0.3171, 0.3202** is the 20% darker color. If you saturate the color by 10%, you get **53.5732, 0.3238, 0.3051**, and if you desaturate by 10%, it is **75.2907, 0.3097, 0.3364**.

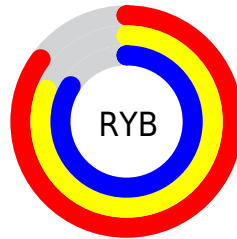
Distribution



Red (85%)

Green (81%)

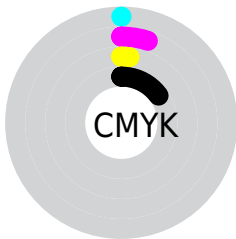
Blue (84%)



Red (85%)

Yellow (81%)

Blue (84%)

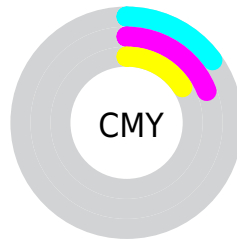


Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (15%)



Cyan (15%)

Magenta (19%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.6984, 0.3161, 0.3212 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 63.6984, 0.3161, 0.3212 by changing the saturation by 10% instead.

■ 63.6984, 0.3161,
0.3212

■ 63.6984, 0.3161,
0.3212

438.0997, 0.3145,
0.3249

■ 46.4064, 0.3165,
0.3203

110.1765, 0.3155,
0.3225

■ 32.5667, 0.3169,
0.3193

140.1314, 0.3153,
0.3230

■ 21.7947, 0.3175,
0.3179

175.0760, 0.3151,
0.3234

■ 13.7061, 0.3183,
0.3161

215.3949, 0.3150,
0.3238

■ 7.9166, 0.3194,
0.3135

261.4722, 0.3148,
0.3241

■ 4.0416, 0.3210,
0.3098

313.6926, 0.3147,

■ 1.6969, 0.3237,

0.3244

0.3036

372.4403, 0.3146,
0.3247

0.4216, 0.3374,
0.2719

0.0000, 0.0000,
0.0000

63.6984, 0.3161,
0.3212

63.6984, 0.3161,
0.3212

53.5732, 0.3238,
0.3051

75.2907, 0.3097,
0.3364

44.8478, 0.3328,
0.2885

88.3973, 0.3043,
0.3506

37.4619, 0.3434,
0.2718

92.3619, 0.2999,
0.3479

31.3477, 0.3556,
0.2556

92.8329, 0.2956,
0.3397

■ 26.4315, 0.3694,
0.2409

■ 93.3246, 0.2913,
0.3315

■ 22.6316, 0.3845,
0.2288

■ 93.4865, 0.2900,
0.3289

■ 19.8564, 0.4005,
0.2204

■ 17.9993, 0.4169,
0.2167

■ 16.9303, 0.4331,
0.2182

Harmonies

Analogous

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



63.6984, 0.3092, 0.3179



63.6984, 0.3161, 0.3212



63.6984, 0.3222, 0.3265

Triad

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



63.6984, 0.3161, 0.3212



63.6984, 0.3222, 0.3407



63.6984, 0.2999, 0.3252

Complementary

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



63.6984, 0.3161, 0.3212



67.3860, 0.3095, 0.3369

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.



63.6984, 0.3033, 0.3314



63.6984, 0.3161, 0.3212



63.6984, 0.3162, 0.3404

Square

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



63.6984, 0.3161, 0.3212



63.6984, 0.3257, 0.3377



63.6984, 0.3093, 0.3370



63.6984, 0.2999, 0.3202

Rectangle

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



63.6984, 0.3161, 0.3212



63.6984, 0.3249, 0.3306



63.6984, 0.3093, 0.3370



63.6984, 0.3007, 0.3273

Sweetspot

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



63.7012, 0.3161, 0.3212



96.6701, 0.3140, 0.3259



62.8391, 0.3080, 0.3166



20.7263, 0.3140, 0.3261



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.



63.7012, 0.3161, 0.3212



90.2702, 0.3168, 0.3196



63.4354, 0.3199, 0.3272



13.8488, 0.3172, 0.3187



10.0619, 0.4388, 0.2191



0.6682, 0.4146, 0.2058

Inverse Universe

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



63.7012, 0.3161, 0.3212



90.2702, 0.3168, 0.3196



67.6557, 0.3060, 0.3308



13.8488, 0.3172, 0.3187



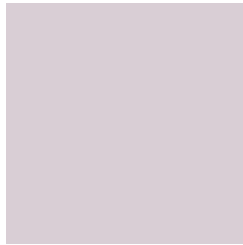
10.0619, 0.4388, 0.2191



0.6682, 0.4146, 0.2058

Previews

White Background



This preview shows how the Yxy color 63.6984, 0.3161, 0.3212 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 63.6984, 0.3161, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

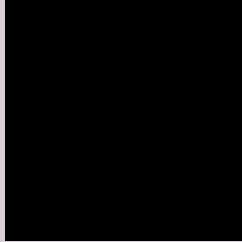
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

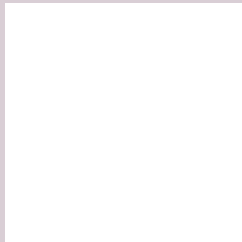
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.6984, 0.3161, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 63.6984, 0.3161, 0.3212.

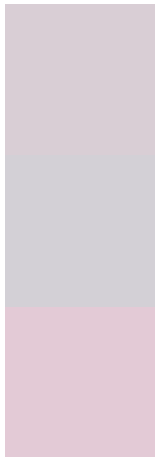


This preview shows how white text looks on a background with the Yxy color 63.6984, 0.3161, 0.3212.

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

63.6984, 0.3161, 0.3212

Protanopia

63.8157, 0.3108, 0.3222

Deuteranopia

63.4270, 0.3234, 0.3159



Tritanopia

63.7885, 0.3113, 0.3113

Trichromacy



Original Color

63.6984, 0.3161, 0.3212

Protanomaly

63.6268, 0.3123, 0.3211

Deuteranomaly

63.2549, 0.3202, 0.3168

Tritanomaly

63.6300, 0.3134, 0.3145

Monochromacy



Original Color

63.6984, 0.3161, 0.3212

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.4502, 0.3143, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6984, 0.3161, 0.3212 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(217, 206, 213)` looks like.

```
.text, #text, p{  
    color:rgb(217, 206, 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(217, 206, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 206, 213) }
```

Border

The CSS property to change the border of an element to Yxy 63.6984, 0.3161, 0.3212 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(217, 206, 213) }
```

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

```
.border{ border-color:rgb(217, 206, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 206, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 206, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 206, 213);  
box-shadow:4px 4px 4px 4px rgb(217, 206,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6984, 0.3161, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 206, 213) }
```

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

```
.background{ background-color: rgb(217,  
206, 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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