

Converting Colors

Yxy(63.9432, 0.3149, 0.3188)

Have a look what the booklet for
Yxy(63.9432, 0.3149, 0.3188)
contains.

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Color

Yxy(63.9543, 0.3155, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	DACED7
RGB	218, 206, 215
RGB Percent	85%, 81%, 84%
CMY	0.1450, 0.1922, 0.1570
CMYK	0.00, 0.06, 0.01, 0.14
HSL	315°, 14%, 83%
HSV	315°, 6%, 86%
XYZ	63.2526, 63.9543, 73.2768
YIQ	210.6140, 4.2630, 5.3430

Conversions

Conversions Part 2

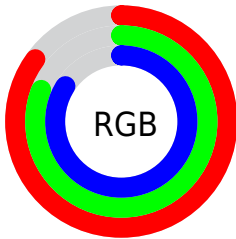
Format	Color
R _Y B	218, 206, 215
Decimal	14339799
CIE Lab	83.94, 5.75, -2.95
CIE LCh	84, 6.462, 332.812
Yxy	63.9543, 0.3155, 0.3190
Android (android.graphics.Color)	4292529879 (0xFFDACE D7)
YUV	210.6140, 2.1623, 6.4775
Hunter-Lab	79.9714, 1.2328, 1.6533

Details

The Yxy color **63.9543, 0.3155, 0.3190** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8854, 0.3100, 0.3392**, and the grayscale version is **64.8594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.7811, 0.3163, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **53.8970, 0.3212, 0.3002**, and if you desaturate by 10%, it is **75.4829, 0.3106, 0.3369**.

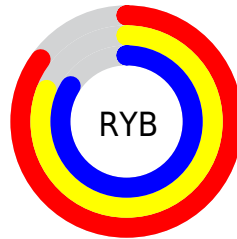
Distribution



Red (85%)

Green (81%)

Blue (84%)



Red (85%)

Yellow (81%)

Blue (84%)

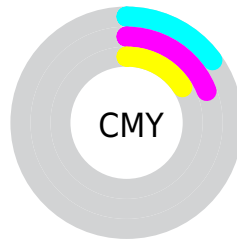


Cyan (0%)

Magenta (6%)

Yellow (1%)

Black (14%)



Cyan (15%)

Magenta (19%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9543, 0.3155, 0.3190 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 63.9543, 0.3155, 0.3190 by changing the saturation by 10% instead.

■ 63.9543, 0.3155,
0.3190

■ 63.9543, 0.3155,
0.3190

439.0246, 0.3142,
0.3237

■ 46.6137, 0.3158,
0.3179

110.5451, 0.3150,
0.3206

■ 32.7303, 0.3162,
0.3165

140.5641, 0.3149,
0.3213

■ 21.9200, 0.3166,
0.3148

175.5780, 0.3147,
0.3218

■ 13.7981, 0.3173,
0.3125

215.9711, 0.3146,
0.3223

■ 7.9804, 0.3181,
0.3093

262.1280, 0.3145,
0.3227

■ 4.0824, 0.3194,
0.3045

314.4329, 0.3144,

■ 1.7198, 0.3215,

0.3231

0.2968

373.2703, 0.3143,
0.3234

0.4364, 0.3318,
0.2608

0.0000, 0.0000,
0.0000

63.9543, 0.3155,
0.3190

63.9543, 0.3155,
0.3190

53.8970, 0.3212,
0.3002

75.4829, 0.3106,
0.3369

45.2429, 0.3279,
0.2810

88.5308, 0.3065,
0.3537

37.9312, 0.3355,
0.2617

92.2340, 0.3033,
0.3532

31.8931, 0.3440,
0.2433

92.5537, 0.3002,
0.3474

■ 27.0538, 0.3534,
0.2266

■ 92.8835, 0.2972,
0.3416

■ 23.3305, 0.3635,
0.2127

■ 93.2234, 0.2942,
0.3358

■ 20.6300, 0.3739,
0.2026

■ 93.5735, 0.2912,
0.3301

■ 18.8440, 0.3843,
0.1971

■ 93.6496, 0.2906,
0.3289

■ 17.8392, 0.3944,
0.1964

Harmonies

Analogous

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



63.9543, 0.3073, 0.3156



63.9543, 0.3155, 0.3190



63.9543, 0.3230, 0.3250

Triad

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



63.9543, 0.3155, 0.3190



63.9543, 0.3249, 0.3425



63.9543, 0.2979, 0.3256

Complementary

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



63.9543, 0.3155, 0.3190



67.8854, 0.3100, 0.3392

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.



63.9543, 0.3025, 0.3330



63.9543, 0.3155, 0.3190



63.9543, 0.3180, 0.3429

Square

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



63.9543, 0.3155, 0.3190



63.9543, 0.3285, 0.3386



63.9543, 0.3098, 0.3394



63.9543, 0.2972, 0.3192

Rectangle

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



63.9543, 0.3155, 0.3190



63.9543, 0.3266, 0.3298



63.9543, 0.3098, 0.3394



63.9543, 0.2990, 0.3280

Sweetspot

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



63.9571, 0.3155, 0.3190



96.7057, 0.3137, 0.3254



62.7626, 0.3066, 0.3153



20.7335, 0.3137, 0.3256



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.



63.9571, 0.3155, 0.3190



88.8461, 0.3163, 0.3162



63.6563, 0.3197, 0.3256



13.6466, 0.3166, 0.3152



10.5219, 0.3975, 0.1963



0.6953, 0.3823, 0.1880

Inverse Universe

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



63.9571, 0.3155, 0.3190



88.8461, 0.3163, 0.3162



68.1863, 0.3061, 0.3324



13.6466, 0.3166, 0.3152



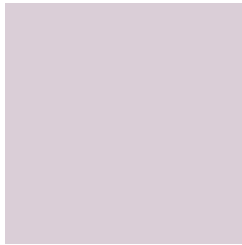
10.5219, 0.3975, 0.1963



0.6953, 0.3823, 0.1880

Previews

White Background



This preview shows how the Yxy color 63.9543, 0.3155, 0.3190 looks on a white background.

Color Contrast Check

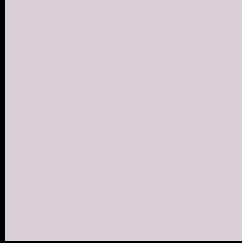
Large Text (above 18pt) WCAG AA × Fail

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 63.9543, 0.3155, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

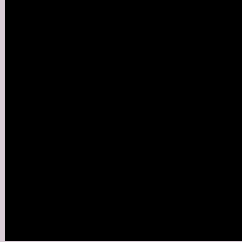
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

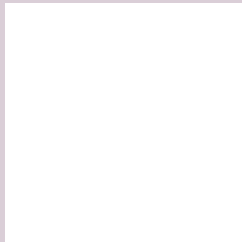
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.9543, 0.3155, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 63.9543, 0.3155, 0.3190.



This preview shows how white text looks on a background with the Yxy color 63.9543, 0.3155, 0.3190.

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

63.9543, 0.3155, 0.3190

Protanopia

63.9185, 0.3094, 0.3199

Deuteranopia

64.0006, 0.3218, 0.3148



Tritanopia

63.9432, 0.3120, 0.3113

Trichromacy



Original Color

63.9543, 0.3155, 0.3190

Protanomaly

63.8797, 0.3117, 0.3189

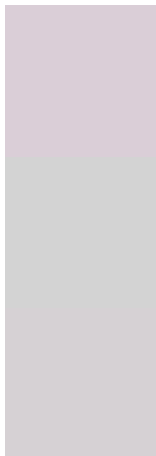
Deuteranomaly

63.9909, 0.3194, 0.3158

Tritanomaly

63.8372, 0.3134, 0.3135

Monochromacy



Original Color

63.9543, 0.3155, 0.3190

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.6505, 0.3144, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9543, 0.3155, 0.3190 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(218, 206, 215) looks like.

```
.text, #text, p{  
    color:rgb(218, 206, 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(218, 206, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 206, 215) }
```

Border

The CSS property to change the border of an element to Yxy 63.9543, 0.3155, 0.3190 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(218, 206, 215) }
```

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

```
.border{ border-color:rgb(218, 206, 215) }
```

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

Here you see how a box with a 4 pixel rgb(218, 206, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 206, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 206, 215);  
box-shadow:4px 4px 4px 4px rgb(218, 206,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9543, 0.3155, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 206, 215) }
```

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

```
.background{ background-color: rgb(218,  
206, 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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