

Converting Colors

Yxy(63.6234, 0.3161, 0.3193)

Have a look what the booklet for
Yxy(63.6234, 0.3161, 0.3193)
contains.

Yxy(63.4231, 0.3162, 0.3189)	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(63.4231, 0.3162, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	DACDD6
RGB	218, 205, 214
RGB Percent	85%, 80%, 84%
CMY	0.1451, 0.1961, 0.1606
CMYK	0.00, 0.06, 0.02, 0.15
HSL	318°, 15%, 83%
HSV	318°, 6%, 85%
XYZ	62.8861, 63.4231, 72.5716
YIQ	209.9130, 4.8590, 5.5550

Conversions

Conversions Part 2

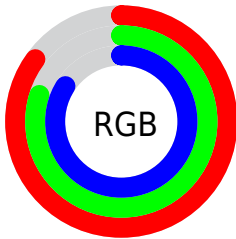
Format	Color
R _Y B	218, 205, 214
Decimal	14339542
CIE Lab	83.66, 6.10, -2.87
CIE LCh	84, 6.740, 334.824
Yxy	63.4231, 0.3162, 0.3189
Android (android.graphics.Color)	4292529622 (0xFFDACDD6)
YUV	209.9130, 2.0149, 7.0923
Hunter-Lab	79.6386, 1.5838, 1.7183

Details

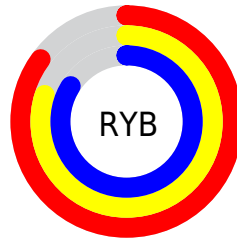
The Yxy color **63.4231, 0.3162, 0.3189** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.7240, 0.3094, 0.3393**, and the grayscale version is **64.3757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.4230, 0.3173, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **53.3800, 0.3229, 0.3013**, and if you desaturate by 10%, it is **74.9386, 0.3106, 0.3356**.

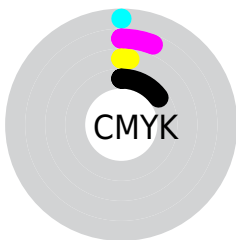
Distribution



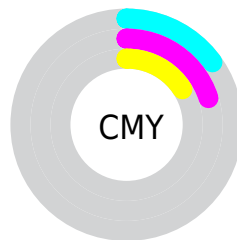
- Red (85%)
- Green (80%)
- Blue (84%)



- Red (85%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.4231, 0.3162, 0.3189 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 63.4231, 0.3162, 0.3189 by changing the saturation by 10% instead.

■ 63.4231, 0.3162,
0.3189

■ 63.4231, 0.3162,
0.3189

437.1034, 0.3146,
0.3237

■ 46.1836, 0.3166,
0.3178

109.7797, 0.3156,
0.3206

■ 32.3907, 0.3170,
0.3164

139.6655, 0.3154,
0.3212

■ 21.6601, 0.3177,
0.3146

174.5356, 0.3152,
0.3218

■ 13.6074, 0.3184,
0.3123

214.7743, 0.3151,
0.3222

■ 7.8481, 0.3196,
0.3090

260.7661, 0.3149,
0.3227

■ 3.9979, 0.3212,
0.3042

312.8952, 0.3148,

■ 1.6724, 0.3238,

0.3230

0.2963

371.5462, 0.3147,
0.3234

0.4057, 0.3378,
0.2564

0.0000, 0.0000,
0.0000

63.4231, 0.3162,
0.3189

63.4231, 0.3162,
0.3189

53.3800, 0.3229,
0.3013

74.9386, 0.3106,
0.3356

44.7413, 0.3307,
0.2832

87.9746, 0.3058,
0.3513

37.4455, 0.3397,
0.2651

92.3640, 0.3020,
0.3507

31.4237, 0.3500,
0.2478

92.7529, 0.2983,
0.3438

■ 26.6007, 0.3614,
0.2321

■ 93.1563, 0.2947,
0.3369

■ 22.8933, 0.3738,
0.2192

■ 93.5743, 0.2912,
0.3301

■ 20.2077, 0.3867,
0.2102

■ 93.6455, 0.2906,
0.3289

■ 18.4346, 0.3998,
0.2057

■ 17.4384, 0.4125,
0.2063

Harmonies

Analogous

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



63.4231, 0.3076, 0.3151



63.4231, 0.3162, 0.3189



63.4231, 0.3239, 0.3253

Triad

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



63.4231, 0.3162, 0.3189



63.4231, 0.3250, 0.3433



63.4231, 0.2970, 0.3249

Complementary

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



63.4231, 0.3162, 0.3189



67.7240, 0.3094, 0.3393

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.



63.4231, 0.3016, 0.3326



63.4231, 0.3162, 0.3189



63.4231, 0.3177, 0.3434

Square

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



63.4231, 0.3162, 0.3189



63.4231, 0.3291, 0.3394



63.4231, 0.3091, 0.3395



63.4231, 0.2966, 0.3184

Rectangle

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



63.4231, 0.3162, 0.3189



63.4231, 0.3275, 0.3303



63.4231, 0.3091, 0.3395



63.4231, 0.2981, 0.3274

Sweetspot

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



63.4258, 0.3162, 0.3189



96.6894, 0.3139, 0.3256



62.2661, 0.3066, 0.3142



20.7302, 0.3138, 0.3258



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.



63.4258, 0.3162, 0.3189



88.7899, 0.3169, 0.3170



63.1032, 0.3208, 0.3261



13.6373, 0.3172, 0.3162



10.2999, 0.4158, 0.2064



0.6823, 0.3967, 0.1959

Inverse Universe

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



63.4258, 0.3162, 0.3189



88.7899, 0.3169, 0.3170



68.0493, 0.3052, 0.3319



13.6373, 0.3172, 0.3162



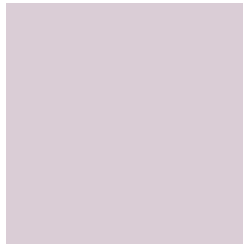
10.2999, 0.4158, 0.2064



0.6823, 0.3967, 0.1959

Previews

White Background



This preview shows how the Yxy color 63.4231, 0.3162, 0.3189 looks on a white background.

Color Contrast Check

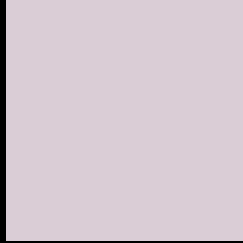
Large Text (above 18pt) WCAG AA × Fail

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 63.4231, 0.3162, 0.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

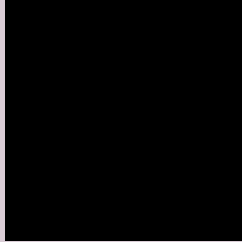
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

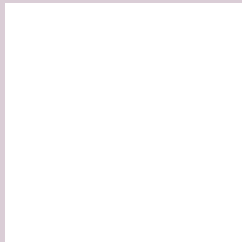
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.4231, 0.3162, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 63.4231, 0.3162, 0.3189.



This preview shows how white text looks on a background with the Yxy color 63.4231, 0.3162, 0.3189.

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

63.4231, 0.3162, 0.3189

Protanopia

63.2336, 0.3094, 0.3199

Deuteranopia

63.3161, 0.3219, 0.3147



Tritanopia

63.4131, 0.3128, 0.3113

Trichromacy



Original Color

63.4231, 0.3162, 0.3189

Protanomaly

63.1950, 0.3117, 0.3188

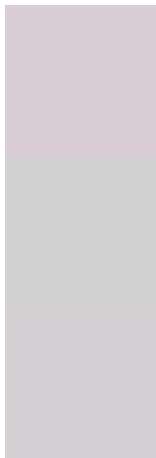
Deuteranomaly

63.3061, 0.3195, 0.3158

Tritanomaly

63.3078, 0.3142, 0.3134

Monochromacy



Original Color

63.4231, 0.3162, 0.3189

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.9610, 0.3144, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4231, 0.3162, 0.3189 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, 205, 214)` looks like.

```
.text, #text, p{  
    color:rgb(218, 205, 214)  
}
```

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, 205, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 205, 214) }
```

Border

The CSS property to change the border of an element to Yxy 63.4231, 0.3162, 0.3189 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, 205, 214) }
```

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

```
.border{ border-color:rgb(218, 205, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 205, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 205, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 205, 214);  
box-shadow:4px 4px 4px 4px rgb(218, 205,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4231, 0.3162, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 205, 214) }
```

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

```
.background{ background-color: rgb(218,  
205, 214) }
```

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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