

Converting Colors

$Yxy(63.6925, 0.3224, 0.3161)$

Have a look what the booklet for
Yxy(63.6925, 0.3224, 0.3161)
contains.

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Color

Yxy(63.7869, 0.3218, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	E2CBD7
RGB	226, 203, 215
RGB Percent	89%, 80%, 84%
CMY	0.1138, 0.2039, 0.1570
CMYK	0.00, 0.10, 0.05, 0.11
HSL	329°, 28%, 84%
HSV	329°, 10%, 89%
XYZ	64.9782, 63.7869, 73.1560
YIQ	211.2450, 9.8560, 8.6080

Conversions

Conversions Part 2

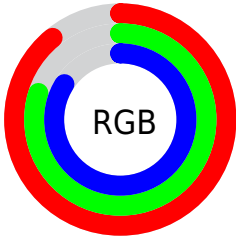
Format	Color
R _Y B	226, 203, 215
Decimal	14863319
CIE Lab	83.85, 10.06, -3.01
CIE LCh	84, 10.498, 343.357
Yxy	63.7869, 0.3218, 0.3159
Android (android.graphics.Color)	4293053399 (0xFFE2CBD7)
YUV	211.2450, 1.8512, 12.9401
Hunter-Lab	79.8667, 5.4579, 1.5984

Details

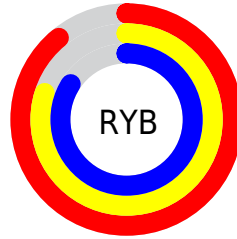
The Yxy color **63.7869, 0.3218, 0.3159** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.9386, 0.3045, 0.3425**, and the grayscale version is **65.2938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.6909, 0.3247, 0.3133** is the 20% darker color. If you saturate the color by 10%, you get **53.3431, 0.3326, 0.3023**, and if you desaturate by 10%, it is **75.8290, 0.3128, 0.3288**.

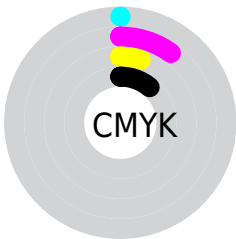
Distribution



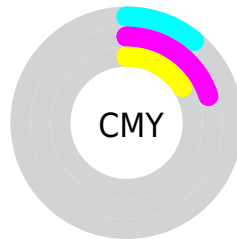
- Red (89%)
- Green (80%)
- Blue (84%)



- Red (89%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (11%)




- Cyan (11%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.7869, 0.3218, 0.3159 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 63.7869, 0.3218, 0.3159 by changing the saturation by 10% instead.


 63.7869, 0.3218,
0.3159

 63.7869, 0.3218,
0.3159


438.4197, 0.3175,
0.3221

 46.4781, 0.3228,
0.3145


110.3040, 0.3203,
0.3181

 32.6233, 0.3240,
0.3127

140.2810, 0.3197,
0.3189

 21.8380, 0.3256,
0.3104


175.2497, 0.3192,
0.3196

 13.7379, 0.3277,
0.3074

215.5942, 0.3188,
0.3202

 7.9386, 0.3306,
0.3033

261.6991, 0.3184,
0.3208

 4.0557, 0.3350,
0.2971

313.9487, 0.3181,

 1.7048, 0.3421,

0.3212

0.2872

372.7274, 0.3178,
0.3217

0.4267, 0.3715,
0.2435

0.0000, 0.0000,
0.0000

63.7869, 0.3218,
0.3159

63.7869, 0.3218,
0.3159

53.3431, 0.3326,
0.3023

75.8290, 0.3128,
0.3288

44.4214, 0.3455,
0.2884

89.5245, 0.3054,
0.3409

36.9519, 0.3607,
0.2746

94.4310, 0.2993,
0.3365

30.8562, 0.3785,
0.2616

94.9060, 0.2952,
0.3289

■ 26.0481, 0.3986,
0.2506

■ 22.4316, 0.4207,
0.2427

■ 19.8971, 0.4441,
0.2391

■ 18.3146, 0.4676,
0.2408

■ 17.4651, 0.4899,
0.2472

Harmonies

Analogous

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



63.7869, 0.3084, 0.3087



63.7869, 0.3218, 0.3159



63.7869, 0.3329, 0.3265

Triad

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



63.7869, 0.3218, 0.3159



63.7869, 0.3290, 0.3520



63.7869, 0.2876, 0.3193

Complementary

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



63.7869, 0.3218, 0.3159



71.9386, 0.3045, 0.3425

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.



63.7869, 0.2929, 0.3311



63.7869, 0.3218, 0.3159



63.7869, 0.3166, 0.3504

Square

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



63.7869, 0.3218, 0.3159



63.7869, 0.3371, 0.3473



63.7869, 0.3034, 0.3427



63.7869, 0.2889, 0.3104

Rectangle

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



63.7869, 0.3218, 0.3159



63.7869, 0.3374, 0.3341



63.7869, 0.3034, 0.3427



63.7869, 0.2887, 0.3230

Sweetspot

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



63.7897, 0.3218, 0.3159



94.9818, 0.3152, 0.3252



62.4650, 0.3047, 0.3034



20.0501, 0.3159, 0.3242



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.



63.7897, 0.3218, 0.3159



81.0973, 0.3237, 0.3133



63.2341, 0.3301, 0.3282



13.8191, 0.3211, 0.3169



9.9897, 0.4865, 0.2454



0.7105, 0.4541, 0.2275

Inverse Universe

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



63.7897, 0.3218, 0.3159



81.0973, 0.3237, 0.3133



72.5303, 0.2976, 0.3298



13.8191, 0.3211, 0.3169



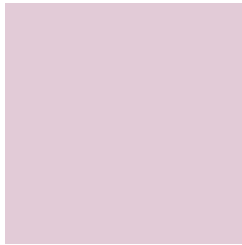
9.9897, 0.4865, 0.2454



0.7105, 0.4541, 0.2275

Previews

White Background



This preview shows how the Yxy color 63.7869, 0.3218, 0.3159 looks on a white background.

Color Contrast Check

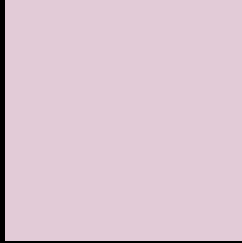
Large Text (above 18pt) WCAG AA × Fail

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 63.7869, 0.3218, 0.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

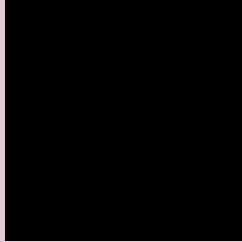
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.7869, 0.3218, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 63.7869, 0.3218, 0.3159.



This preview shows how white text looks on a background with the Yxy color 63.7869, 0.3218, 0.3159.

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

63.7869, 0.3218, 0.3159

Protanopia

63.8753, 0.3073, 0.3177

Deuteranopia

63.9491, 0.3226, 0.3159



Tritanopia

63.4718, 0.3197, 0.3115

Trichromacy



Original Color

63.7869, 0.3218, 0.3159

Protanomaly

63.7513, 0.3125, 0.3167

Deuteranomaly

63.9491, 0.3226, 0.3159

Tritanomaly

63.4196, 0.3204, 0.3126

Monochromacy



Original Color

63.7869, 0.3218, 0.3159

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.4641, 0.3159, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7869, 0.3218, 0.3159 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(226, 203, 215)` looks like.

```
.text, #text, p{  
    color:rgb(226, 203, 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(226, 203, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 203, 215) }
```

Border

The CSS property to change the border of an element to Yxy 63.7869, 0.3218, 0.3159 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(226, 203, 215) }
```

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

```
.border{ border-color:rgb(226, 203, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 203, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 203, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 203, 215);  
box-shadow:4px 4px 4px 4px rgb(226, 203,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7869, 0.3218, 0.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 203, 215) }
```

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

```
.background{ background-color: rgb(226,  
203, 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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