

Converting Colors

Yxy(69.6588, 0.3209, 0.3149)

Have a look what the booklet for
Yxy(69.6588, 0.3209, 0.3149)
contains.

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Color

Yxy(69.6325, 0.3215, 0.3153)

Conversions

Conversions Part 1

Format	Color
Hex	EBD3E0
RGB	235, 211, 224
RGB Percent	92%, 83%, 88%
CMY	0.0785, 0.1725, 0.1216
CMYK	0.00, 0.10, 0.05, 0.08
HSL	328°, 37%, 87%
HSV	328°, 10%, 92%
XYZ	71.0017, 69.6325, 80.2110
YIQ	219.6580, 10.1310, 9.1310

Conversions

Conversions Part 2

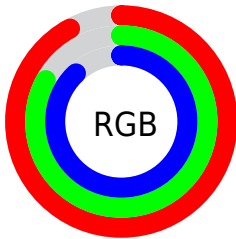
Format	Color
R _Y B	235, 211, 224
Decimal	15455200
CIE Lab	86.82, 10.50, -3.36
CIE LCh	87, 11.028, 342.262
Yxy	69.6325, 0.3215, 0.3153
Android (android.graphics.Color)	4293645280 (0xFFEBD3E0)
YUV	219.6580, 2.1406, 13.4549
Hunter-Lab	83.4461, 5.8496, 1.4209

Details

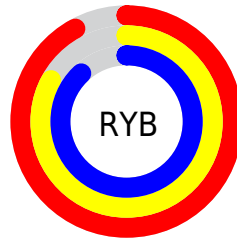
The Yxy color **69.6325, 0.3215, 0.3153** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.5268, 0.3048, 0.3431**, and the grayscale version is **71.2985, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2252, 0.3233, 0.3112** is the 20% darker color. If you saturate the color by 10%, you get **58.2340, 0.3319, 0.3012**, and if you desaturate by 10%, it is **82.7806, 0.3129, 0.3287**.

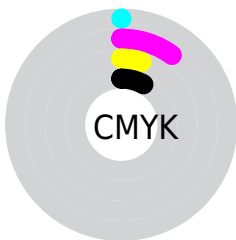
Distribution



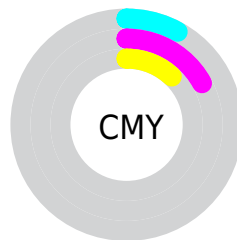
- Red (92%)
- Green (83%)
- Blue (88%)



- Red (92%)
- Yellow (83%)
- Blue (88%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (8%)





- Cyan (8%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.6325, 0.3215, 0.3153 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 69.6325, 0.3215, 0.3153 by changing the saturation by 10% instead.


 69.6325, 0.3215,
0.3153

 69.6325, 0.3215,
0.3153

459.2586, 0.3174,
0.3216

 51.2270, 0.3224,
0.3139

118.6845, 0.3201,
0.3175

 36.3893, 0.3236,
0.3121


150.0998, 0.3195,
0.3183

 24.7350, 0.3250,
0.3098


186.6205, 0.3191,
0.3191

 15.8797, 0.3269,
0.3069

228.6310, 0.3187,
0.3197

 9.4391, 0.3296,
0.3028

276.5156, 0.3183,
0.3203

 5.0287, 0.3333,
0.2970

330.6589, 0.3180,

 2.2641, 0.3393,

0.3208

0.2879

391.4450, 0.3177,
0.3212

0.7546, 0.3509,
0.2700

0.0000, 0.0000,
0.0000

69.6325, 0.3215,
0.3153

69.6325, 0.3215,
0.3153

58.2340, 0.3319,
0.3012

82.7806, 0.3129,
0.3287

48.5016, 0.3443,
0.2867

95.8030, 0.3058,
0.3384

40.3586, 0.3589,
0.2723

96.3977, 0.3005,
0.3290

33.7185, 0.3758,
0.2589

■ 28.4867, 0.3949,
0.2474

■ 24.5575, 0.4159,
0.2390

■ 21.8102, 0.4381,
0.2351

■ 20.1013, 0.4603,
0.2364

■ 19.1964, 0.4813,
0.2425

Harmonies

Analogous

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



69.6325, 0.3078, 0.3081



69.6325, 0.3215, 0.3153



69.6325, 0.3330, 0.3260

Triad

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



69.6325, 0.3215, 0.3153



69.6325, 0.3297, 0.3524



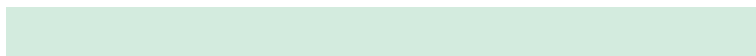
69.6325, 0.2872, 0.3195

Complementary

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



69.6325, 0.3215, 0.3153



78.5268, 0.3048, 0.3431

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.



69.6325, 0.2928, 0.3316



69.6325, 0.3215, 0.3153



69.6325, 0.3172, 0.3510

Square

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



69.6325, 0.3215, 0.3153



69.6325, 0.3377, 0.3474



69.6325, 0.3037, 0.3433



69.6325, 0.2882, 0.3103

Rectangle

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



69.6325, 0.3215, 0.3153



69.6325, 0.3377, 0.3338



69.6325, 0.3037, 0.3433



69.6325, 0.2883, 0.3233

Sweetspot

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



69.6355, 0.3215, 0.3153



94.9920, 0.3151, 0.3250



68.0908, 0.3044, 0.3032



20.0528, 0.3158, 0.3240



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.



69.6355, 0.3215, 0.3153



81.1357, 0.3233, 0.3127



69.0186, 0.3299, 0.3278



15.1905, 0.3208, 0.3163



10.7125, 0.4781, 0.2407



0.8606, 0.4503, 0.2254

Inverse Universe

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



69.6355, 0.3215, 0.3153



81.1357, 0.3233, 0.3127



79.1805, 0.2977, 0.3302



15.1905, 0.3208, 0.3163



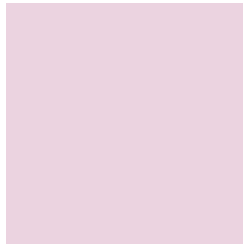
10.7125, 0.4781, 0.2407



0.8606, 0.4503, 0.2254

Previews

White Background



This preview shows how the Yxy color 69.6325, 0.3215, 0.3153 looks on a white background.

Color Contrast Check

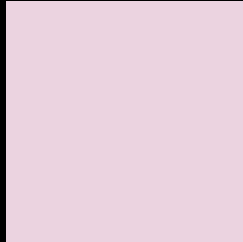
Large Text (above 18pt) WCAG AA × Fail

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 69.6325, 0.3215, 0.3153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

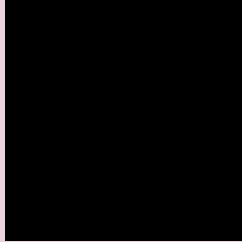
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.6325, 0.3215, 0.3153

Background



This preview shows how black text looks on a background with the Yxy color 69.6325, 0.3215, 0.3153.



This preview shows how white text looks on a background with the Yxy color 69.6325, 0.3215, 0.3153.

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

69.6325, 0.3215, 0.3153

Protanopia

69.7179, 0.3075, 0.3170

Deuteranopia

69.6325, 0.3215, 0.3153



Tritanopia

69.7968, 0.3194, 0.3122

Trichromacy



Original Color

69.6325, 0.3215, 0.3153

Protanomaly

69.5917, 0.3126, 0.3161

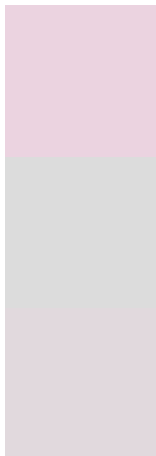
Deuteranomaly

69.6325, 0.3215, 0.3153

Tritanomaly

69.7417, 0.3201, 0.3132

Monochromacy



Original Color

69.6325, 0.3215, 0.3153

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.8537, 0.3158, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6325, 0.3215, 0.3153 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(235, 211, 224)` looks like.

```
.text, #text, p{  
    color:rgb(235, 211, 224)  
}
```

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(235, 211, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 211, 224) }
```

Border

The CSS property to change the border of an element to Yxy 69.6325, 0.3215, 0.3153 is called "border". The border property can be set on classes, ids or directly on the HTML element.

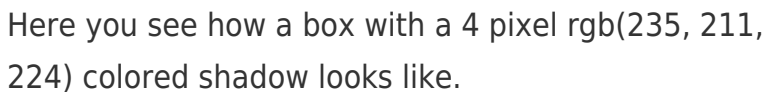
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 211, 224) }
```

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

```
.border{ border-color:rgb(235, 211, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 211, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 211, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 211, 224); box-shadow:4px 4px 4px 4px rgb(235, 211, 224) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6325, 0.3215, 0.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 211, 224) }
```

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

```
.background{ background-color: rgb(235,  
211, 224) }
```

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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