

Converting Colors

Yxy(65.4816, 0.3243, 0.3156)

Have a look what the booklet for
Yxy(65.4816, 0.3243, 0.3156)
contains.

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Color

Yxy(65.6613, 0.3240, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	E7CDD9
RGB	231, 205, 217
RGB Percent	91%, 80%, 85%
CMY	0.0942, 0.1960, 0.1491
CMYK	0.00, 0.11, 0.06, 0.09
HSL	332°, 35%, 85%
HSV	332°, 11%, 91%
XYZ	67.3023, 65.6613, 74.7596
YIQ	214.1420, 11.6440, 9.2440

Conversions

Conversions Part 2

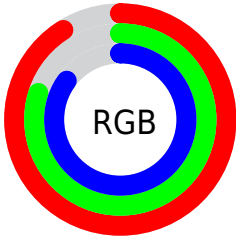
Format	Color
R _Y B	231, 205, 217
Decimal	15191513
CIE Lab	84.82, 11.07, -2.61
CIE LCh	85, 11.376, 346.750
Yxy	65.6613, 0.3240, 0.3161
Android (android.graphics.Color)	4293381593 (0xFFE7CDD9)
YUV	214.1420, 1.4090, 14.7845
Hunter-Lab	81.0317, 6.4510, 2.0214

Details

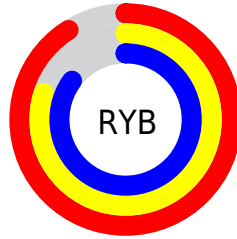
The Yxy color **65.6613, 0.3240, 0.3161** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.2339, 0.3027, 0.3423**, and the grayscale version is **67.3295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.8558, 0.3266, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **54.7928, 0.3363, 0.3040**, and if you desaturate by 10%, it is **78.2157, 0.3138, 0.3276**.

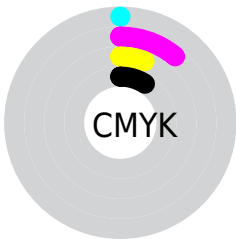
Distribution



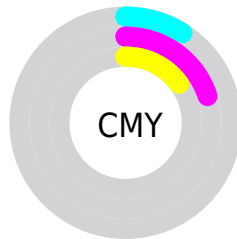
- Red (91%)
- Green (80%)
- Blue (85%)



- Red (91%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (9%)




- Cyan (9%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.6613, 0.3240, 0.3161 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 65.6613, 0.3240, 0.3161 by changing the saturation by 10% instead.


 65.6613, 0.3240,
0.3161

 65.6613, 0.3240,
0.3161


445.1646, 0.3187,
0.3221

 47.9975, 0.3252,
0.3147


113.0001, 0.3221,
0.3182

 33.8249, 0.3268,
0.3130


143.4438, 0.3214,
0.3190

 22.7591, 0.3287,
0.3108


178.9164, 0.3208,
0.3197

 14.4157, 0.3313,
0.3079

219.8021, 0.3203,
0.3203

 8.4104, 0.3349,
0.3039

266.4854, 0.3198,
0.3209

 4.3587, 0.3401,
0.2980

319.3506, 0.3194,

 1.8761, 0.3487,

0.3213

0.2886

378.7822, 0.3190,
0.3218

0.5340, 0.3748,
0.2573

0.0000, 0.0000,
0.0000

65.6613, 0.3240,
0.3161

65.6613, 0.3240,
0.3161

54.7928, 0.3363,
0.3040

78.2157, 0.3138,
0.3276

45.5292, 0.3511,
0.2915

92.5151, 0.3055,
0.3384

37.7958, 0.3687,
0.2792

95.6817, 0.2985,
0.3296

31.5086, 0.3894,
0.2679

95.7247, 0.2981,
0.3290

■ 26.5755, 0.4129,
0.2585

■ 22.8933, 0.4389,
0.2523

■ 20.3441, 0.4661,
0.2506

■ 18.7868, 0.4932,
0.2543

■ 18.0352, 0.5157,
0.2615

Harmonies

Analogous

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



65.6613, 0.3097, 0.3079



65.6613, 0.3240, 0.3161



65.6613, 0.3354, 0.3276

Triad

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



65.6613, 0.3240, 0.3161



65.6613, 0.3288, 0.3539



65.6613, 0.2856, 0.3172

Complementary

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



65.6613, 0.3240, 0.3161



75.2339, 0.3027, 0.3423

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.



65.6613, 0.2905, 0.3298



65.6613, 0.3240, 0.3161



65.6613, 0.3152, 0.3514

Square

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



65.6613, 0.3240, 0.3161



65.6613, 0.3382, 0.3495



65.6613, 0.3012, 0.3424



65.6613, 0.2878, 0.3083

Rectangle

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



65.6613, 0.3240, 0.3161



65.6613, 0.3397, 0.3359



65.6613, 0.3012, 0.3424



65.6613, 0.2864, 0.3212

Sweetspot

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



65.6642, 0.3240, 0.3161



94.9530, 0.3155, 0.3256



64.4772, 0.3050, 0.3006



20.0423, 0.3163, 0.3247



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.



65.6642, 0.3240, 0.3161



79.5450, 0.3261, 0.3139



65.4791, 0.3327, 0.3300



14.4780, 0.3220, 0.3182



10.1378, 0.5119, 0.2594



0.7677, 0.4768, 0.2400

Inverse Universe

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



65.6642, 0.3240, 0.3161



79.5450, 0.3261, 0.3139



75.4040, 0.2955, 0.3280



14.4780, 0.3220, 0.3182



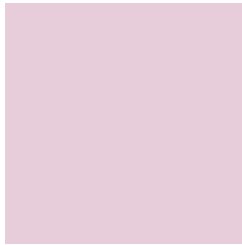
10.1378, 0.5119, 0.2594



0.7677, 0.4768, 0.2400

Previews

White Background



This preview shows how the Yxy color 65.6613, 0.3240, 0.3161 looks on a white background.

Color Contrast Check

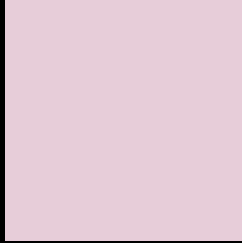
Large Text (above 18pt) WCAG AA × Fail

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 65.6613, 0.3240, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

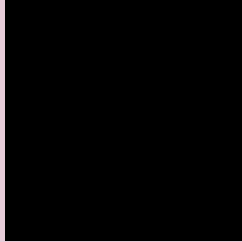
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.6613, 0.3240, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 65.6613, 0.3240, 0.3161.



This preview shows how white text looks on a background with the Yxy color 65.6613, 0.3240, 0.3161.

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

65.6613, 0.3240, 0.3161

Protanopia

65.9020, 0.3081, 0.3189

Deuteranopia

65.4954, 0.3232, 0.3160



Tritanopia

65.3420, 0.3219, 0.3118

Trichromacy



Original Color

65.6613, 0.3240, 0.3161

Protanomaly

65.9310, 0.3140, 0.3180

Deuteranomaly

65.4954, 0.3232, 0.3160

Tritanomaly

65.2891, 0.3226, 0.3128

Monochromacy



Original Color

65.6613, 0.3240, 0.3161

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.7105, 0.3166, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6613, 0.3240, 0.3161 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(231, 205, 217)` looks like.

```
.text, #text, p{  
    color:rgb(231, 205, 217)  
}
```

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(231, 205, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 205, 217) }
```

Border

The CSS property to change the border of an element to Yxy 65.6613, 0.3240, 0.3161 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(231, 205, 217) }
```

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

```
.border{ border-color:rgb(231, 205, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 205, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 205, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 205, 217); box-shadow:4px 4px 4px 4px rgb(231, 205, 217) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6613, 0.3240, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 205, 217) }
```

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

```
.background{ background-color: rgb(231,  
205, 217) }
```

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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