

Converting Colors

$Yxy(65.4779, 0.3308, 0.3245)$

Have a look what the booklet for
Yxy(65.4779, 0.3308, 0.3245)
contains.

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Color

Yxy(65.4219, 0.3306, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	E8CDD1
RGB	232, 205, 209
RGB Percent	91%, 80%, 82%
CMY	0.0904, 0.1960, 0.1803
CMYK	0.00, 0.12, 0.10, 0.09
HSL	351°, 37%, 86%
HSV	351°, 12%, 91%
XYZ	66.6107, 65.4219, 69.4516
YIQ	213.5290, 14.8080, 6.9680

Conversions

Conversions Part 2

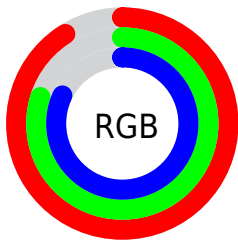
Format	Color
R _Y B	232, 205, 209
Decimal	15257041
CIE _{Lab}	84.70, 10.07, 1.46
CIE _{LCh}	85, 10.176, 8.248
Y _{xy}	65.4219, 0.3306, 0.3247
Android (android.graphics.Color)	4293447121 (0xFFE8CDD1)
YUV	213.5290, -2.2328, 16.1991
Hunter-Lab	80.8838, 5.4544, 5.7088

Details

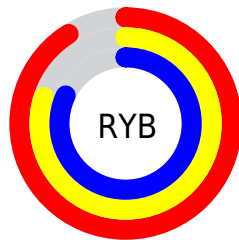
The Yxy color **65.4219, 0.3306, 0.3247** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.2711, 0.2973, 0.3334**, and the grayscale version is **66.9198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.7299, 0.3345, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **54.2180, 0.3501, 0.3207**, and if you desaturate by 10%, it is **78.3980, 0.3149, 0.3284**.

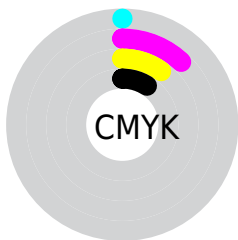
Distribution



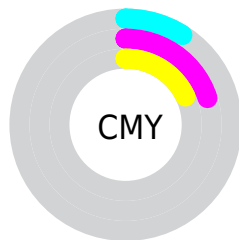
- Red (91%)
- Green (80%)
- Blue (82%)



- Red (91%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (12%)
- Yellow (10%)
- Black (9%)





- Cyan (9%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.4219, 0.3306, 0.3247 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 65.4219, 0.3306, 0.3247 by changing the saturation by 10% instead.


 65.4219, 0.3306,
0.3247

 65.4219, 0.3306,
0.3247


444.3065, 0.3221,
0.3268

 47.8033, 0.3326,
0.3242

112.6562, 0.3276,
0.3254

 33.6711, 0.3351,
0.3236


143.0407, 0.3265,
0.3257

 22.6411, 0.3382,
0.3228


178.4492, 0.3255,
0.3260

 14.3287, 0.3425,
0.3217

219.2662, 0.3247,
0.3262

 8.3496, 0.3484,
0.3202

265.8760, 0.3239,
0.3263

 4.3195, 0.3572,
0.3179

318.6631, 0.3233,

 1.8538, 0.3718,

0.3265

0.3139

378.0118, 0.3227,
0.3266

0.5204, 0.4291,
0.3016

0.0000, 0.0000,
0.0000

65.4219, 0.3306,
0.3247

65.4219, 0.3306,
0.3247

54.2180, 0.3501,
0.3207

78.3980, 0.3149,
0.3284

44.7012, 0.3741,
0.3167

93.2094, 0.3023,
0.3319

36.7920, 0.4036,
0.3128

95.8890, 0.2987,
0.3290

30.4015, 0.4389,
0.3095

■ 25.4320, 0.4794,
0.3073

■ 21.7743, 0.5230,
0.3072

■ 19.3033, 0.5654,
0.3096

■ 17.8694, 0.6008,
0.3148

■ 17.2673, 0.6222,
0.3201

Harmonies

Analogous

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



65.4219, 0.3193, 0.3149



65.4219, 0.3306, 0.3247



65.4219, 0.3371, 0.3357

Triad

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



65.4219, 0.3306, 0.3247



65.4219, 0.3186, 0.3503



65.4219, 0.2891, 0.3123

Complementary

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



65.4219, 0.3306, 0.3247



76.2711, 0.2973, 0.3334

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.



65.4219, 0.2890, 0.3215



65.4219, 0.3306, 0.3247



65.4219, 0.3058, 0.3437

Square

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



65.4219, 0.3306, 0.3247



65.4219, 0.3300, 0.3507



65.4219, 0.2950, 0.3331



65.4219, 0.2955, 0.3077

Rectangle

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



65.4219, 0.3306, 0.3247



65.4219, 0.3377, 0.3425



65.4219, 0.2950, 0.3331



65.4219, 0.2884, 0.3149

Sweetspot

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



65.4248, 0.3306, 0.3247



94.8034, 0.3169, 0.3279



65.9758, 0.3111, 0.3002



20.0020, 0.3181, 0.3276



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.



65.4248, 0.3306, 0.3247



77.4944, 0.3350, 0.3238



69.8777, 0.3323, 0.3393



14.4027, 0.3269, 0.3255



9.6012, 0.6192, 0.3185



0.7204, 0.5838, 0.2990

Inverse Universe

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



65.4248, 0.3306, 0.3247



77.4944, 0.3350, 0.3238



71.3301, 0.2947, 0.3185



14.4027, 0.3269, 0.3255



9.6012, 0.6192, 0.3185



0.7204, 0.5838, 0.2990

Previews

White Background



This preview shows how the Yxy color 65.4219, 0.3306, 0.3247 looks on a white background.

Color Contrast Check

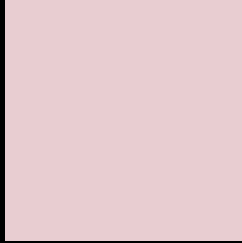
Large Text (above 18pt) WCAG AA × Fail

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 65.4219, 0.3306, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

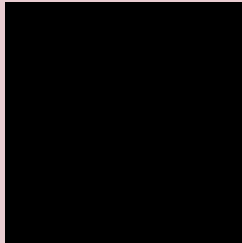
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.4219, 0.3306, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 65.4219, 0.3306, 0.3247.

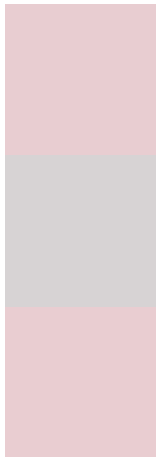


This preview shows how white text looks on a background with the Yxy color 65.4219, 0.3306, 0.3247.

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

65.4219, 0.3306, 0.3247

Protanopia

65.7891, 0.3150, 0.3279

Deuteranopia

65.5897, 0.3314, 0.3247



Tritanopia

65.1500, 0.3243, 0.3118

Trichromacy



Original Color

65.4219, 0.3306, 0.3247

Protanomaly

65.6762, 0.3203, 0.3268

Deuteranomaly

65.5897, 0.3314, 0.3247

Tritanomaly

65.4157, 0.3271, 0.3172

Monochromacy



Original Color

65.4219, 0.3306, 0.3247

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.7141, 0.3195, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4219, 0.3306, 0.3247 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(232, 205, 209)` looks like.

```
.text, #text, p{  
    color:rgb(232, 205, 209)  
}
```

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(232, 205, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 205, 209) }
```

Border

The CSS property to change the border of an element to Yxy 65.4219, 0.3306, 0.3247 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(232, 205, 209) }
```

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

```
.border{ border-color:rgb(232, 205, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 205, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 205, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 205, 209);  
box-shadow:4px 4px 4px 4px rgb(232, 205,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4219, 0.3306, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 205, 209) }
```

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

```
.background{ background-color: rgb(232,  
205, 209) }
```

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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