

Converting Colors

$Y_{xy}(65.1353, 0.3264, 0.3116)$

Have a look what the booklet for
Yxy(65.1353, 0.3264, 0.3116)
contains.

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Color

Yxy(65.0177, 0.3259, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	EBCADB
RGB	235, 202, 219
RGB Percent	92%, 79%, 86%
CMY	0.0786, 0.2078, 0.1413
CMYK	0.00, 0.14, 0.07, 0.08
HSL	329°, 45%, 86%
HSV	329°, 14%, 92%
XYZ	68.1546, 65.0177, 75.9551
YIQ	213.8050, 14.2110, 12.2830

Conversions

Conversions Part 2

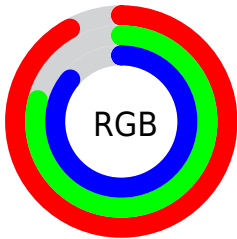
Format	Color
R_{YB}	235, 202, 219
Decimal	15452891
CIE _{Lab}	84.49, 14.37, -4.11
CIE _{LCh}	84, 14.948, 344.030
Yxy	65.0177, 0.3259, 0.3109
Android (android.graphics.Color)	4293642971 (0xFFEBCADB)
YUV	213.8050, 2.5611, 18.5880
Hunter-Lab	80.6336, 9.7664, 0.5936

Details

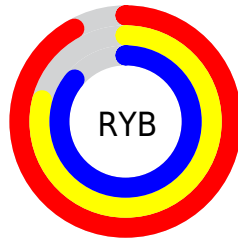
The Yxy color $65.0177, 0.3259, 0.3109$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $77.0165, 0.3013, 0.3478$, and the grayscale version is $67.0809, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.4439, 0.3292, 0.3068$ is the 20% darker color. If you saturate the color by 10%, you get $54.2393, 0.3376, 0.2973$, and if you desaturate by 10%, it is $77.5217, 0.3161, 0.3240$.

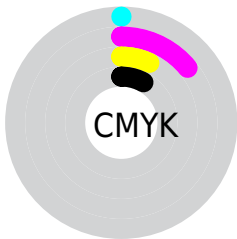
Distribution



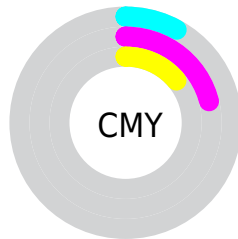
- Red (92%)
- Green (79%)
- Blue (86%)



- Red (92%)
- Yellow (79%)
- Blue (86%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (8%)




- Cyan (8%)
- Magenta (21%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0177, 0.3259, 0.3109 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 65.0177, 0.3259, 0.3109 by changing the saturation by 10% instead.


 65.0177, 0.3259,
0.3109

 65.0177, 0.3259,
0.3109


442.8556, 0.3197,
0.3193

 47.4754, 0.3273,
0.3090


112.0753, 0.3237,
0.3138

 33.4117, 0.3291,
0.3066


142.3594, 0.3229,
0.3150

 22.4420, 0.3314,
0.3035


177.6596, 0.3222,
0.3160

 14.1820, 0.3343,
0.2995

218.3603, 0.3216,
0.3168

 8.2474, 0.3385,
0.2939

264.8458, 0.3210,
0.3176

 4.2536, 0.3445,
0.2859

317.5006, 0.3205,

 1.8164, 0.3543,

0.3182

0.2730

376.7091, 0.3201,
0.3188

0.4974, 0.3830,
0.2313

0.0000, 0.0000,
0.0000

65.0177, 0.3259,
0.3109

65.0177, 0.3259,
0.3109

54.2393, 0.3376,
0.2973

77.5217, 0.3161,
0.3240

45.1014, 0.3516,
0.2834

91.8143, 0.3081,
0.3362

37.5247, 0.3681,
0.2700

96.2794, 0.3015,
0.3308

31.4195, 0.3871,
0.2577

96.3955, 0.3005,
0.3290

■ 26.6874, 0.4085,
0.2479

■ 23.2174, 0.4317,
0.2417

■ 20.8811, 0.4557,
0.2403

■ 19.5223, 0.4792,
0.2444

■ 19.0336, 0.4929,
0.2489

Harmonies

Analogous

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



65.0177, 0.3069, 0.3008



65.0177, 0.3259, 0.3109



65.0177, 0.3416, 0.3256

Triad

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



65.0177, 0.3259, 0.3109



65.0177, 0.3353, 0.3617



65.0177, 0.2774, 0.3146

Complementary

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



65.0177, 0.3259, 0.3109



77.0165, 0.3013, 0.3478

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.



65.0177, 0.2845, 0.3315



65.0177, 0.3259, 0.3109



65.0177, 0.3176, 0.3594

Square

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



65.0177, 0.3259, 0.3109



65.0177, 0.3470, 0.3549



65.0177, 0.2991, 0.3482



65.0177, 0.2793, 0.3024

Rectangle

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



65.0177, 0.3259, 0.3109



65.0177, 0.3479, 0.3364



65.0177, 0.2991, 0.3482



65.0177, 0.2787, 0.3199

Sweetspot

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



65.0206, 0.3259, 0.3109



93.3490, 0.3161, 0.3240



63.1446, 0.3017, 0.2930



19.7212, 0.3168, 0.3230



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.



65.0206, 0.3259, 0.3109



74.1102, 0.3293, 0.3068



64.1990, 0.3382, 0.3285



15.1835, 0.3212, 0.3169



10.6230, 0.4895, 0.2470



0.8536, 0.4597, 0.2306

Inverse Universe

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



65.0206, 0.3259, 0.3109



74.1102, 0.3293, 0.3068



77.9181, 0.2917, 0.3295



15.1835, 0.3212, 0.3169



10.6230, 0.4895, 0.2470



0.8536, 0.4597, 0.2306

Previews

White Background



This preview shows how the Yxy color 65.0177, 0.3259, 0.3109 looks on a white background.

Color Contrast Check

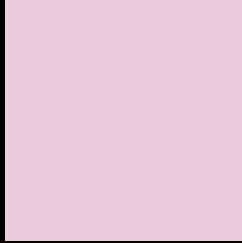
Large Text (above 18pt) WCAG AA × Fail

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 65.0177, 0.3259, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

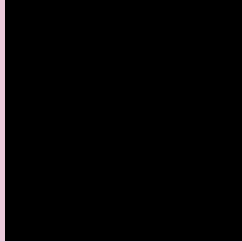
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.0177, 0.3259, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 65.0177, 0.3259, 0.3109.



This preview shows how white text looks on a background with the Yxy color 65.0177, 0.3259, 0.3109.

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

65.0177, 0.3259, 0.3109

Protanopia

65.3239, 0.3039, 0.3133

Deuteranopia

65.2186, 0.3210, 0.3149



Tritanopia

64.9652, 0.3267, 0.3119

Trichromacy



Original Color

65.0177, 0.3259, 0.3109

Protanomaly

65.1152, 0.3120, 0.3125

Deuteranomaly

65.2366, 0.3234, 0.3139

Tritanomaly

64.9652, 0.3267, 0.3119

Monochromacy



Original Color

65.0177, 0.3259, 0.3109

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.5807, 0.3175, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0177, 0.3259, 0.3109 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, 202, 219)` looks like.

```
.text, #text, p{  
    color:rgb(235, 202, 219)  
}
```

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, 202, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 202, 219) }
```

Border

The CSS property to change the border of an element to Yxy 65.0177, 0.3259, 0.3109 is called "border". The border property can be set on classes, ids or directly on the HTML element.

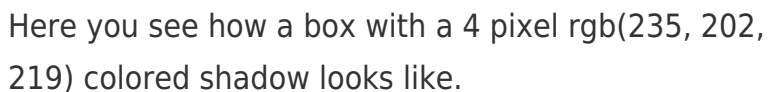
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 202, 219) }
```

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

```
.border{ border-color:rgb(235, 202, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 202, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 202, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 202, 219);  
box-shadow:4px 4px 4px 4px rgb(235, 202,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0177, 0.3259, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 202, 219) }
```

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

```
.background{ background-color: rgb(235,  
202, 219) }
```

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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