

Converting Colors

$Y_{xy}(57.6303, 0.3376, 0.3092)$

Have a look what the booklet for
Yxy(57.6303, 0.3376, 0.3092)
contains.

Yxy(57.4409, 0.3378, 0.3093)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.4409, 0.3378, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	EABBCD
RGB	234, 187, 205
RGB Percent	92%, 73%, 80%
CMY	0.0822, 0.2667, 0.1961
CMYK	0.00, 0.20, 0.12, 0.08
HSL	337°, 53%, 83%
HSV	337°, 20%, 92%
XYZ	62.7337, 57.4409, 65.5380
YIQ	203.1050, 22.2340, 15.5620

Conversions

Conversions Part 2

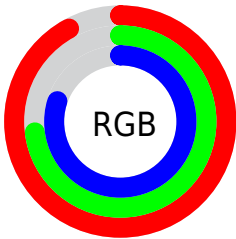
Format	Color
RYB	234, 187, 205
Decimal	15383501
CIELab	80.43, 19.70, -2.61
CIELCh	80, 19.875, 352.448
Yxy	57.4409, 0.3378, 0.3093
Android (android.graphics.Color)	4293573581 (0xFFEABBCD)
YUV	203.1050, 0.9342, 27.0949
Hunter-Lab	75.7898, 15.1183, 1.7828

Details

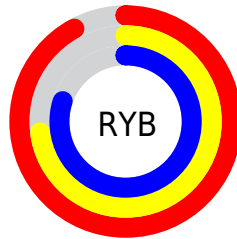
The Yxy color **57.4409, 0.3378, 0.3093** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.3976, 0.2929, 0.3496**, and the grayscale version is **59.7776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **28.7495, 0.3442, 0.3048** is the 20% darker color. If you saturate the color by 10%, you get **47.6441, 0.3545, 0.2989**, and if you desaturate by 10%, it is **68.9256, 0.3241, 0.3194**.

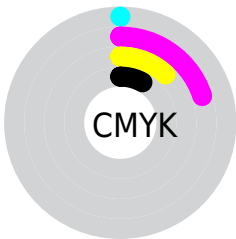
Distribution



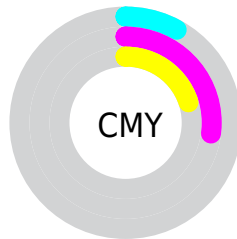
- Red (92%)
- Green (73%)
- Blue (80%)



- Red (92%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (12%)
- Black (8%)





- Cyan (8%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4409, 0.3378, 0.3093 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 57.4409, 0.3378, 0.3093 by changing the saturation by 10% instead.


 57.4409, 0.3378,
0.3093

 57.4409, 0.3378,
0.3093

415.0994, 0.3258,
0.3187

 41.3593, 0.3407,
0.3071


 101.1082, 0.3335,
0.3126

 28.6000, 0.3443,
0.3043


129.4628, 0.3319,
0.3139

 18.7784, 0.3490,
0.3007


162.6771, 0.3305,
0.3150

 11.5103, 0.3553,
0.2959

201.1356, 0.3293,
0.3159

 6.4112, 0.3642,
0.2891

245.2227, 0.3282,
0.3168

 3.0967, 0.3779,
0.2789

295.3228, 0.3273,

 1.1824, 0.4014,

0.3175

0.2617

351.8202, 0.3265,
0.3181

0.0473, 0.6515,
0.0586

0.0000, 0.0000,
0.0000

57.4409, 0.3378,
0.3093

57.4409, 0.3378,
0.3093

47.6441, 0.3545,
0.2989

68.9256, 0.3241,
0.3194

39.4474, 0.3746,
0.2886

82.1650, 0.3128,
0.3289

32.7668, 0.3983,
0.2790

95.8196, 0.3037,
0.3356

27.5074, 0.4258,
0.2712

96.2411, 0.3000,
0.3290

■ 23.5635, 0.4563,
0.2664

■ 20.8144, 0.4884,
0.2659

■ 19.1168, 0.5199,
0.2705

■ 18.2323, 0.5485,
0.2795

Harmonies

Analogous

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



57.4409, 0.3119, 0.2935



57.4409, 0.3378, 0.3093



57.4409, 0.3573, 0.3302

Triad

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



57.4409, 0.3378, 0.3093



57.4409, 0.3374, 0.3751



57.4409, 0.2637, 0.3032

Complementary

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



57.4409, 0.3378, 0.3093



74.3976, 0.2929, 0.3496

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.



57.4409, 0.2699, 0.3252



57.4409, 0.3378, 0.3093



57.4409, 0.3119, 0.3684

Square

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



57.4409, 0.3378, 0.3093



57.4409, 0.3568, 0.3684



57.4409, 0.2873, 0.3497



57.4409, 0.2698, 0.2893

Rectangle

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



57.4409, 0.3378, 0.3093



57.4409, 0.3636, 0.3448



57.4409, 0.2873, 0.3497



57.4409, 0.2644, 0.3098

Sweetspot

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



57.4435, 0.3378, 0.3093



90.0303, 0.3192, 0.3233



56.0784, 0.3009, 0.2769



19.0481, 0.3200, 0.3227



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.



57.4435, 0.3378, 0.3093



64.7761, 0.3441, 0.3052



58.9973, 0.3515, 0.3352



15.1495, 0.3233, 0.3200



10.2632, 0.5444, 0.2773



0.8242, 0.5071, 0.2567

Inverse Universe

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



57.4435, 0.3378, 0.3093



64.7761, 0.3441, 0.3052



72.3021, 0.2823, 0.3227



15.1495, 0.3233, 0.3200



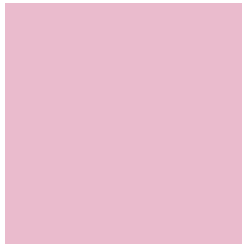
10.2632, 0.5444, 0.2773



0.8242, 0.5071, 0.2567

Previews

White Background



This preview shows how the Yxy color 57.4409, 0.3378, 0.3093 looks on a white background.

Color Contrast Check

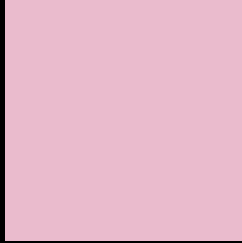
Large Text (above 18pt) WCAG AA × Fail

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 57.4409, 0.3378, 0.3093 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 57.4409, 0.3378, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 57.4409, 0.3378, 0.3093.



This preview shows how white text looks on a background with the Yxy color 57.4409, 0.3378, 0.3093.

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

57.4409, 0.3378, 0.3093

Protanopia

57.8797, 0.3042, 0.3137

Deuteranopia

57.6949, 0.3237, 0.3176



Tritanopia

57.2973, 0.3402, 0.3126

Trichromacy



Original Color

57.4409, 0.3378, 0.3093

Protanomaly

57.6307, 0.3159, 0.3129

Deuteranomaly

57.3092, 0.3289, 0.3144

Tritanomaly

57.3449, 0.3394, 0.3115

Monochromacy



Original Color

57.4409, 0.3378, 0.3093

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.5883, 0.3210, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4409, 0.3378, 0.3093 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(234, 187, 205)` looks like.

```
.text, #text, p{  
    color:rgb(234, 187, 205)  
}
```

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(234, 187, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 187, 205) }
```

Border

The CSS property to change the border of an element to Yxy 57.4409, 0.3378, 0.3093 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(234, 187, 205) }
```

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

```
.border{ border-color:rgb(234, 187, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 187, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 187, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 187, 205);  
box-shadow:4px 4px 4px 4px rgb(234, 187,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4409, 0.3378, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 187, 205) }
```

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

```
.background{ background-color: rgb(234,  
187, 205) }
```

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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