

Converting Colors

Yxy(57.9940, 0.3375, 0.3105)

Have a look what the booklet for
Yxy(57.9940, 0.3375, 0.3105)
contains.

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Color

Yxy(57.8666, 0.3376, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	EABCCD
RGB	234, 188, 205
RGB Percent	92%, 74%, 80%
CMY	0.0823, 0.2627, 0.1960
CMYK	0.00, 0.20, 0.12, 0.08
HSL	338°, 52%, 83%
HSV	338°, 20%, 92%
XYZ	62.9374, 57.8666, 65.6219
YIQ	203.6920, 21.9590, 15.0390

Conversions

Conversions Part 2

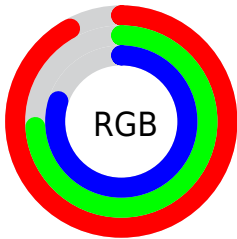
Format	Color
R_{YB}	234, 188, 205
Decimal	15383757
CIE _{Lab}	80.66, 19.15, -2.27
CIE _{LCh}	81, 19.283, 353.226
Yxy	57.8666, 0.3376, 0.3104
Android (android.graphics.Color)	4293573837 (0xFFEABCCD)
YUV	203.6920, 0.6448, 26.5801
Hunter-Lab	76.0701, 14.5612, 2.1025

Details

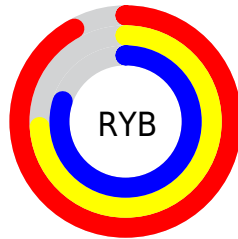
The Yxy color **57.8666, 0.3376, 0.3104** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.5496, 0.2930, 0.3484**, and the grayscale version is **60.1668, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **29.0273, 0.3440, 0.3062** is the 20% darker color. If you saturate the color by 10%, you get **47.9897, 0.3545, 0.3003**, and if you desaturate by 10%, it is **69.4367, 0.3237, 0.3201**.

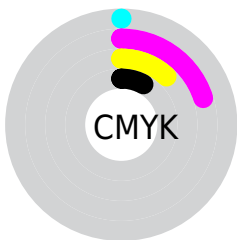
Distribution



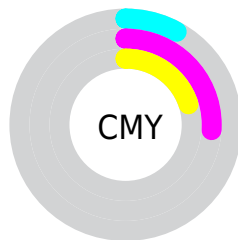
- Red (92%)
- Green (74%)
- Blue (80%)



- Red (92%)
- Yellow (74%)
- Blue (80%)



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




- Cyan (8%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8666, 0.3376, 0.3104 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 57.8666, 0.3376, 0.3104 by changing the saturation by 10% instead.

 57.8666, 0.3376,
0.3104

 57.8666, 0.3376,
0.3104

416.6887, 0.3257,
0.3193

 41.7014, 0.3404,
0.3083


 101.7286, 0.3334,
0.3135

 28.8676, 0.3440,
0.3057


130.1941, 0.3317,
0.3147

 18.9807, 0.3487,
0.3023


163.5286, 0.3304,
0.3158

 11.6563, 0.3549,
0.2977

202.1164, 0.3292,
0.3167

 6.5101, 0.3638,
0.2913

246.3420, 0.3281,
0.3174

 3.1577, 0.3773,
0.2817

296.5896, 0.3272,

 1.2146, 0.4005,

0.3181

353.2437, 0.3264,
0.3187

0.2654

0.0736, 0.6322,
0.0865

0.0000, 0.0000,
0.0000

57.8666, 0.3376,
0.3104

57.8666, 0.3376,
0.3104

47.9897, 0.3545,
0.3003

69.4367, 0.3237,
0.3201

39.7184, 0.3749,
0.2904

82.7668, 0.3124,
0.3293

32.9689, 0.3990,
0.2811

95.8687, 0.3031,
0.3347

27.6467, 0.4270,
0.2735

96.2334, 0.2999,
0.3290

■ 23.6466, 0.4582,
0.2688

■ 20.8486, 0.4910,
0.2683

■ 19.1105, 0.5233,
0.2728

■ 18.2000, 0.5527,
0.2820

■ 18.1745, 0.5537,
0.2824

Harmonies

Analogous

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



57.8666, 0.3126, 0.2949



57.8666, 0.3376, 0.3104



57.8666, 0.3562, 0.3307

Triad

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



57.8666, 0.3376, 0.3104



57.8666, 0.3360, 0.3736



57.8666, 0.2652, 0.3036

Complementary

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



57.8666, 0.3376, 0.3104



74.5496, 0.2930, 0.3484

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.



57.8666, 0.2710, 0.3248



57.8666, 0.3376, 0.3104



57.8666, 0.3113, 0.3668

Square

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



57.8666, 0.3376, 0.3104



57.8666, 0.3550, 0.3675



57.8666, 0.2876, 0.3484



57.8666, 0.2715, 0.2904

Rectangle

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



57.8666, 0.3376, 0.3104



57.8666, 0.3621, 0.3448



57.8666, 0.2876, 0.3484



57.8666, 0.2658, 0.3100

Sweetspot

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



57.8692, 0.3376, 0.3104



90.0183, 0.3193, 0.3235



56.5633, 0.3013, 0.2781



19.0453, 0.3201, 0.3229



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.



57.8692, 0.3376, 0.3104



64.7353, 0.3447, 0.3059



59.4274, 0.3505, 0.3351



15.1462, 0.3235, 0.3203



10.2348, 0.5496, 0.2801



0.8217, 0.5117, 0.2592

Inverse Universe

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



57.8692, 0.3376, 0.3104



64.7353, 0.3447, 0.3059



72.4713, 0.2829, 0.3229



15.1462, 0.3235, 0.3203



10.2348, 0.5496, 0.2801



0.8217, 0.5117, 0.2592

Previews

White Background



This preview shows how the Yxy color 57.8666, 0.3376, 0.3104 looks on a white background.

Color Contrast Check

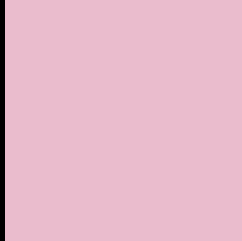
Large Text (above 18pt) WCAG AA × Fail

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 57.8666, 0.3376, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

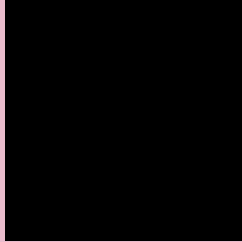
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.8666, 0.3376, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 57.8666, 0.3376, 0.3104.



This preview shows how white text looks on a background with the Yxy color 57.8666, 0.3376, 0.3104.

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

57.8666, 0.3376, 0.3104

Protanopia

58.0178, 0.3050, 0.3137

Deuteranopia

57.8486, 0.3245, 0.3176



Tritanopia

57.7707, 0.3392, 0.3126

Trichromacy



Original Color

57.8666, 0.3376, 0.3104

Protanomaly

57.7798, 0.3166, 0.3129

Deuteranomaly

57.9062, 0.3296, 0.3155

Tritanomaly

57.8185, 0.3384, 0.3115

Monochromacy



Original Color

57.8666, 0.3376, 0.3104

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.1949, 0.3217, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8666, 0.3376, 0.3104 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, 188, 205)` looks like.

```
.text, #text, p{  
    color:rgb(234, 188, 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, 188, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 188, 205) }
```

Border

The CSS property to change the border of an element to Yxy 57.8666, 0.3376, 0.3104 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, 188, 205) }
```

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

```
.border{ border-color:rgb(234, 188, 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, 188, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 188, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 188, 205);  
box-shadow:4px 4px 4px 4px rgb(234, 188,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8666, 0.3376, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 188, 205) }
```

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

```
.background{ background-color: rgb(234,  
188, 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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