

Converting Colors

Yxy(52.3173, 0.3374, 0.2923)

Have a look what the booklet for
Yxy(52.3173, 0.3374, 0.2923)
contains.

Yxy(52.3186, 0.3371, 0.2917)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.3186, 0.3371, 0.2917)

Conversions

Conversions Part 1

Format	Color
Hex	EAAED0
RGB	234, 174, 208
RGB Percent	92%, 68%, 82%
CMY	0.0822, 0.3177, 0.1844
CMYK	0.00, 0.26, 0.11, 0.08
HSL	326°, 59%, 80%
HSV	326°, 26%, 92%
XYZ	60.4614, 52.3186, 66.5775
YIQ	195.8160, 24.8460, 23.2940

Conversions

Conversions Part 2

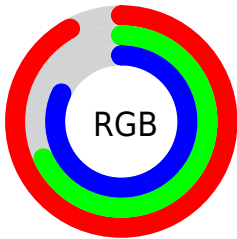
Format	Color
RYB	234, 174, 208
Decimal	15380176
CIELab	77.47, 27.12, -8.60
CIElCh	77, 28.453, 342.413
Yxy	52.3186, 0.3371, 0.2917
Android (android.graphics.Color)	4293570256 (0xFFEAAED0)
YUV	195.8160, 6.0067, 33.4874
Hunter-Lab	72.3316, 22.6265, -3.9413

Details

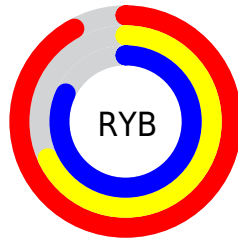
The Yxy color $52.3186, 0.3371, 0.2917$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72.0389, 0.2941, 0.3696$, and the grayscale version is $55.0404, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.0736, 0.3138, 0.3048$, and $25.4728, 0.3434, 0.2819$ is the 20% darker color. If you saturate the color by 10%, you get $43.5690, 0.3499, 0.2766$, and if you desaturate by 10%, it is $62.6804, 0.3263, 0.3067$.

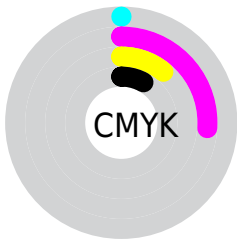
Distribution



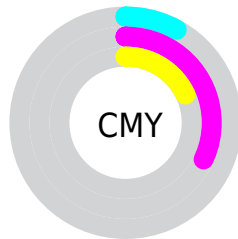
- Red (92%)
- Green (68%)
- Blue (82%)



- Red (92%)
- Yellow (68%)
- Blue (82%)



- Cyan (0%)
- Magenta (26%)
- Yellow (11%)
- Black (8%)





- Cyan (8%)
- Magenta (32%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3186, 0.3371, 0.2917 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 52.3186, 0.3371, 0.2917 by changing the saturation by 10% instead.


 52.3186, 0.3371,
0.2917

 52.3186, 0.3371,
0.2917


395.6653, 0.3254,
0.3094

 37.2591, 0.3399,
0.2875


 93.6009, 0.3330,
0.2979

 25.4082, 0.3434,
0.2823


120.5926, 0.3314,
0.3003

 16.3814, 0.3479,
0.2756


152.3303, 0.3300,
0.3024

 9.7944, 0.3539,
0.2667

189.1986, 0.3289,
0.3042

 5.2629, 0.3624,
0.2542

231.5819, 0.3278,
0.3057

 2.4023, 0.3754,
0.2356

279.8645, 0.3269,

 0.8271, 0.3974,

0.3071

0.2047

334.4309, 0.3261,
0.3083

0.0000, 0.5721,
0.0000

0.0000, 0.0000,
0.0000

52.3186, 0.3371,
0.2917

52.3186, 0.3371,
0.2917

43.5690, 0.3499,
0.2766

62.6804, 0.3263,
0.3067

36.3421, 0.3649,
0.2620

74.7235, 0.3172,
0.3212

30.5506, 0.3819,
0.2490

88.5220, 0.3096,
0.3348

26.0953, 0.4008,
0.2385

95.8343, 0.3035,
0.3353

■ 22.8644, 0.4210,
0.2319

■ 96.2394, 0.3000,
0.3290

■ 20.7273, 0.4418,
0.2302

■ 19.5235, 0.4621,
0.2339

■ 19.1791, 0.4708,
0.2367

Harmonies

Analogous

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



52.3186, 0.2982, 0.2728



52.3186, 0.3371, 0.2917



52.3186, 0.3709, 0.3194

Triad

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



52.3186, 0.3371, 0.2917



52.3186, 0.3595, 0.3960



52.3186, 0.2427, 0.2998

Complementary

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



52.3186, 0.3371, 0.2917



72.0389, 0.2941, 0.3696

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.



52.3186, 0.2570, 0.3351



52.3186, 0.3371, 0.2917



52.3186, 0.3236, 0.3941

Square

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



52.3186, 0.3371, 0.2917



52.3186, 0.3837, 0.3789



52.3186, 0.2862, 0.3711



52.3186, 0.2456, 0.2757

Rectangle

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



52.3186, 0.3371, 0.2917



52.3186, 0.3848, 0.3403



52.3186, 0.2862, 0.3711



52.3186, 0.2456, 0.3107

Sweetspot

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



52.3210, 0.3371, 0.2917



87.1109, 0.3192, 0.3178



48.4920, 0.2882, 0.2597



18.1594, 0.3205, 0.3156



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.



52.3210, 0.3371, 0.2917



57.4957, 0.3439, 0.2834



50.9816, 0.3637, 0.3246



15.1969, 0.3204, 0.3157



10.7991, 0.4678, 0.2351



0.8672, 0.4418, 0.2208

Inverse Universe

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



52.3210, 0.3371, 0.2917



57.4957, 0.3439, 0.2834



73.5820, 0.2773, 0.3335



15.1969, 0.3204, 0.3157



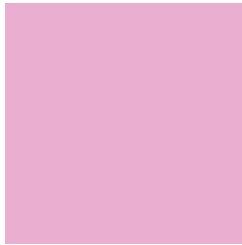
10.7991, 0.4678, 0.2351



0.8672, 0.4418, 0.2208

Previews

White Background



This preview shows how the Yxy color 52.3186, 0.3371, 0.2917 looks on a white background.

Color Contrast Check

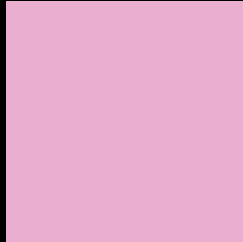
Large Text (above 18pt) WCAG AA × Fail

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 52.3186, 0.3371, 0.2917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

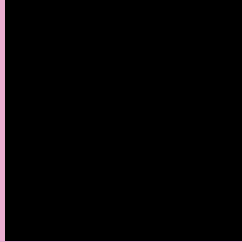
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3186, 0.3371, 0.2917

Background



This preview shows how black text looks on a background with the Yxy color 52.3186, 0.3371, 0.2917.



This preview shows how white text looks on a background with the Yxy color 52.3186, 0.3371, 0.2917.

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

52.3186, 0.3371, 0.2917

Protanopia

52.4537, 0.2901, 0.2951

Deuteranopia

52.4114, 0.3122, 0.3053



Tritanopia

52.3617, 0.3496, 0.3134

Trichromacy



Original Color

52.3186, 0.3371, 0.2917

Protanomaly

51.9734, 0.3062, 0.2937

Deuteranomaly

52.4080, 0.3208, 0.3001

Tritanomaly

52.4055, 0.3454, 0.3057

Monochromacy



Original Color

52.3186, 0.3371, 0.2917

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

53.8382, 0.3216, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3186, 0.3371, 0.2917 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, 174, 208)` looks like.

```
.text, #text, p{  
    color:rgb(234, 174, 208)  
}
```

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, 174, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 174, 208) }
```

Border

The CSS property to change the border of an element to Yxy 52.3186, 0.3371, 0.2917 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, 174, 208) }
```

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

```
.border{ border-color:rgb(234, 174, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 174, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 174, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 174, 208); box-shadow:4px 4px 4px 4px rgb(234, 174, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3186, 0.3371, 0.2917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 174, 208) }
```

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

```
.background{ background-color: rgb(234,  
174, 208) }
```

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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