

Converting Colors

$Y_{xy}(52.2625, 0.3386, 0.2940)$

Have a look what the booklet for
Yxy(52.2625, 0.3386, 0.2940)
contains.

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Color

Yxy(52.2208, 0.3388, 0.2938)

Conversions

Conversions Part 1

Format	Color
Hex	EAAECE
RGB	234, 174, 206
RGB Percent	92%, 68%, 81%
CMY	0.0822, 0.3177, 0.1921
CMYK	0.00, 0.26, 0.12, 0.08
HSL	328°, 59%, 80%
HSV	328°, 26%, 92%
XYZ	60.2192, 52.2208, 65.3027
YIQ	195.5880, 25.4880, 22.6720

Conversions

Conversions Part 2

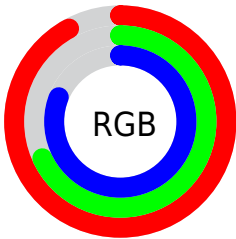
Format	Color
RYB	234, 174, 206
Decimal	15380174
CIELab	77.41, 26.80, -7.61
CIELCh	77, 27.858, 344.153
Yxy	52.2208, 0.3388, 0.2938
Android (android.graphics.Color)	4293570254 (0xFFEAAECE)
YUV	195.5880, 5.1331, 33.6873
Hunter-Lab	72.2640, 22.2862, -2.9937

Details

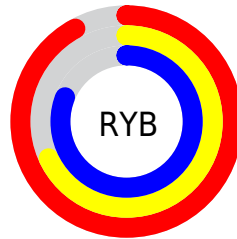
The Yxy color **52.2208, 0.3388, 0.2938** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **72.1324, 0.2929, 0.3672**, and the grayscale version is **54.9024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0736, 0.3138, 0.3048**, and **25.4067, 0.3458, 0.2847** is the 20% darker color. If you saturate the color by 10%, you get **43.4425, 0.3526, 0.2795**, and if you desaturate by 10%, it is **62.6161, 0.3272, 0.3080**.

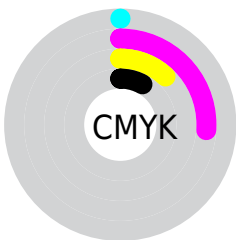
Distribution



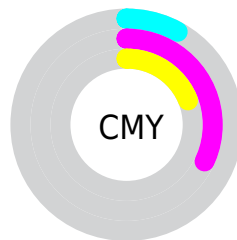
- Red (92%)
- Green (68%)
- Blue (81%)



- Red (92%)
- Yellow (68%)
- Blue (81%)



- Cyan (0%)
- Magenta (26%)
- Yellow (12%)
- Black (8%)




- Cyan (8%)
- Magenta (32%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2208, 0.3388, 0.2938 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 52.2208, 0.3388, 0.2938 by changing the saturation by 10% instead.

 52.2208, 0.3388,
0.2938

 52.2208, 0.3388,
0.2938


395.2884, 0.3262,
0.3106

 37.1811, 0.3418,
0.2898


 93.4568, 0.3343,
0.2997

 25.3477, 0.3456,
0.2849


120.4219, 0.3326,
0.3020

 16.3363, 0.3505,
0.2785


152.1309, 0.3312,
0.3039

 9.7625, 0.3570,
0.2700

188.9682, 0.3299,
0.3056

 5.2417, 0.3664,
0.2580

231.3182, 0.3288,
0.3071

 2.3898, 0.3807,
0.2401

279.5653, 0.3279,

 0.8206, 0.4054,

0.3084

0.2100

334.0939, 0.3270,
0.3096

0.0000, 0.6346,
0.0000

0.0000, 0.0000,
0.0000

52.2208, 0.3388,
0.2938

52.2208, 0.3388,
0.2938

43.4425, 0.3526,
0.2795

62.6161, 0.3272,
0.3080

36.1917, 0.3688,
0.2657

74.6980, 0.3175,
0.3216

30.3809, 0.3873,
0.2534

88.5403, 0.3094,
0.3345

25.9108, 0.4080,
0.2437

95.9036, 0.3029,
0.3342

■ 22.6693, 0.4303,
0.2378

■ 96.2397, 0.3000,
0.3290

■ 20.5257, 0.4531,
0.2368

■ 19.3193, 0.4754,
0.2413

■ 18.9750, 0.4849,
0.2445

Harmonies

Analogous

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



52.2208, 0.3006, 0.2746



52.2208, 0.3388, 0.2938



52.2208, 0.3712, 0.3214

Triad

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



52.2208, 0.3388, 0.2938



52.2208, 0.3568, 0.3951



52.2208, 0.2437, 0.2987

Complementary

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



52.2208, 0.3388, 0.2938



72.1324, 0.2929, 0.3672

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.



52.2208, 0.2568, 0.3328



52.2208, 0.3388, 0.2938



52.2208, 0.3212, 0.3920

Square

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



52.2208, 0.3388, 0.2938



52.2208, 0.3814, 0.3793



52.2208, 0.2848, 0.3684



52.2208, 0.2476, 0.2758

Rectangle

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



52.2208, 0.3388, 0.2938



52.2208, 0.3841, 0.3419



52.2208, 0.2848, 0.3684



52.2208, 0.2462, 0.3092

Sweetspot

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



52.2232, 0.3388, 0.2938



87.0696, 0.3196, 0.3184



48.7682, 0.2898, 0.2600



18.1490, 0.3210, 0.3164



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.



52.2232, 0.3388, 0.2938



57.3582, 0.3461, 0.2859



50.9007, 0.3655, 0.3269



15.1883, 0.3209, 0.3165



10.6842, 0.4816, 0.2427



0.8584, 0.4532, 0.2270

Inverse Universe

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



52.2232, 0.3388, 0.2938



57.3582, 0.3461, 0.2859



73.6957, 0.2762, 0.3312



15.1883, 0.3209, 0.3165



10.6842, 0.4816, 0.2427



0.8584, 0.4532, 0.2270

Previews

White Background



This preview shows how the Yxy color 52.2208, 0.3388, 0.2938 looks on a white background.

Color Contrast Check

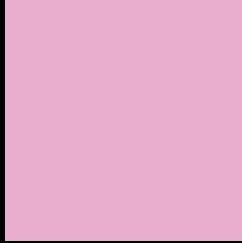
Large Text (above 18pt) WCAG AA × Fail

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 52.2208, 0.3388, 0.2938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

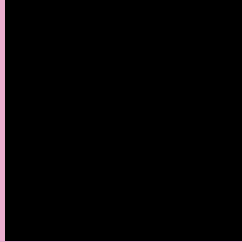
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.2208, 0.3388, 0.2938

Background



This preview shows how black text looks on a background with the Yxy color 52.2208, 0.3388, 0.2938.



This preview shows how white text looks on a background with the Yxy color 52.2208, 0.3388, 0.2938.

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

52.2208, 0.3388, 0.2938

Protanopia

52.4761, 0.2922, 0.2975

Deuteranopia

52.4566, 0.3145, 0.3076



Tritanopia

52.3178, 0.3504, 0.3145

Trichromacy



Original Color

52.2208, 0.3388, 0.2938

Protanomaly

52.0136, 0.3085, 0.2961

Deuteranomaly

52.4626, 0.3232, 0.3025

Tritanomaly

52.3598, 0.3462, 0.3068

Monochromacy



Original Color

52.2208, 0.3388, 0.2938

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 52.2208, 0.3388, 0.2938 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(234, 174, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 174, 206) }
```

Border

The CSS property to change the border of an element to Yxy 52.2208, 0.3388, 0.2938 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, 206) }
```

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

```
.border{ border-color:rgb(234, 174, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 174, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 174, 206);  
box-shadow:4px 4px 4px 4px rgb(234, 174,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2208, 0.3388, 0.2938 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, 206) }
```

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

```
.background{ background-color: rgb(234,  
174, 206) }
```

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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