

Converting Colors

Yxy(51.9730, 0.3450, 0.3029)

Have a look what the booklet for
Yxy(51.9730, 0.3450, 0.3029)
contains.

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Color

Yxy(52.0608, 0.3447, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	E9AFC6
RGB	233, 175, 198
RGB Percent	91%, 69%, 78%
CMY	0.0862, 0.3137, 0.2236
CMYK	0.00, 0.25, 0.15, 0.09
HSL	336°, 57%, 80%
HSV	336°, 25%, 91%
XYZ	59.1280, 52.0608, 60.3459
YIQ	194.9640, 27.1850, 19.4490

Conversions

Conversions Part 2

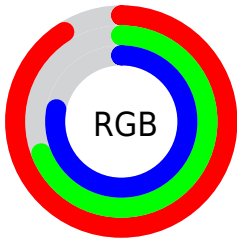
Format	Color
R _Y B	233, 175, 198
Decimal	15314886
CIE Lab	77.32, 24.60, -3.39
CIE LCh	77, 24.834, 352.151
Yxy	52.0608, 0.3447, 0.3035
Android (android.graphics.Color)	4293504966 (0xFFE9AFC6)
YUV	194.9640, 1.4967, 33.3576
Hunter-Lab	72.1532, 20.0090, 0.9195

Details

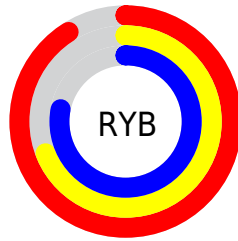
The Yxy color **52.0608, 0.3447, 0.3035** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.0537, 0.2889, 0.3561**, and the grayscale version is **54.5307, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **25.2798, 0.3541, 0.2971** is the 20% darker color. If you saturate the color by 10%, you get **43.1424, 0.3625, 0.2927**, and if you desaturate by 10%, it is **62.6092, 0.3299, 0.3141**.

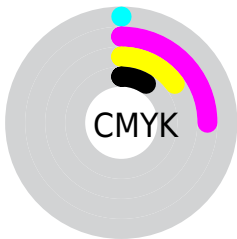
Distribution



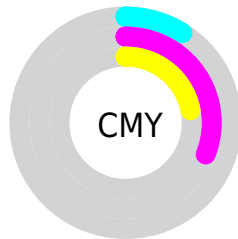
- Red (91%)
- Green (69%)
- Blue (78%)



- Red (91%)
- Yellow (69%)
- Blue (78%)



- Cyan (0%)
- Magenta (25%)
- Yellow (15%)
- Black (9%)



- Cyan (9%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0608, 0.3447, 0.3035 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 52.0608, 0.3447, 0.3035 by changing the saturation by 10% instead.


 52.0608, 0.3447,
0.3035

 52.0608, 0.3447,
0.3035


394.6713, 0.3291,
0.3158

 37.0535, 0.3485,
0.3005


 93.2209, 0.3391,
0.3079

 25.2489, 0.3533,
0.2968


120.1425, 0.3370,
0.3096

 16.2626, 0.3595,
0.2920


151.8044, 0.3352,
0.3110

 9.7102, 0.3681,
0.2854

188.5909, 0.3336,
0.3122

 5.2072, 0.3804,
0.2761

230.8865, 0.3323,
0.3133

 2.3694, 0.3998,
0.2617

279.0755, 0.3311,

 0.8101, 0.4345,

0.3142

0.2364

333.5423, 0.3300,
0.3151

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.0608, 0.3447,
0.3035

52.0608, 0.3447,
0.3035

43.1424, 0.3625,
0.2927

62.6092, 0.3299,
0.3141

35.7649, 0.3838,
0.2823

74.8567, 0.3178,
0.3243

29.8415, 0.4087,
0.2732

88.8770, 0.3079,
0.3338

25.2737, 0.4370,
0.2663

96.0185, 0.2998,
0.3297

■ 21.9507, 0.4676,
0.2631

■ 96.0656, 0.2993,
0.3290

■ 19.7440, 0.4990,
0.2646

■ 18.4961, 0.5288,
0.2716

■ 18.1035, 0.5430,
0.2765

Harmonies

Analogous

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



52.0608, 0.3110, 0.2837



52.0608, 0.3447, 0.3035



52.0608, 0.3703, 0.3297

Triad

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



52.0608, 0.3447, 0.3035



52.0608, 0.3445, 0.3889



52.0608, 0.2502, 0.2955

Complementary

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



52.0608, 0.3447, 0.3035



72.0537, 0.2889, 0.3561

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.



52.0608, 0.2581, 0.3240



52.0608, 0.3447, 0.3035



52.0608, 0.3116, 0.3808

Square

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



52.0608, 0.3447, 0.3035



52.0608, 0.3697, 0.3793



52.0608, 0.2801, 0.3561



52.0608, 0.2577, 0.2782

Rectangle

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



52.0608, 0.3447, 0.3035



52.0608, 0.3786, 0.3483



52.0608, 0.2801, 0.3561



52.0608, 0.2511, 0.3040

Sweetspot

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



52.0632, 0.3447, 0.3035



88.4603, 0.3202, 0.3221



50.2186, 0.2968, 0.2635



18.7320, 0.3209, 0.3215



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.



52.0632, 0.3447, 0.3035



57.8938, 0.3537, 0.2978



53.3890, 0.3636, 0.3357



15.1529, 0.3231, 0.3197



10.2940, 0.5391, 0.2743



0.8268, 0.5022, 0.2540

Inverse Universe

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



52.0632, 0.3447, 0.3035



57.8938, 0.3537, 0.2978



70.0518, 0.2756, 0.3222



15.1529, 0.3231, 0.3197



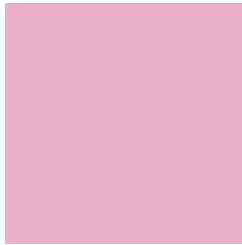
10.2940, 0.5391, 0.2743



0.8268, 0.5022, 0.2540

Previews

White Background



This preview shows how the Yxy color 52.0608, 0.3447, 0.3035 looks on a white background.

Color Contrast Check

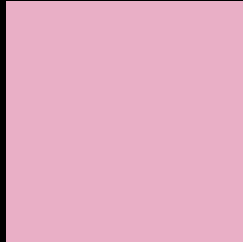
Large Text (above 18pt) WCAG AA × Fail

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 52.0608, 0.3447, 0.3035 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 52.0608, 0.3447, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 52.0608, 0.3447, 0.3035.



This preview shows how white text looks on a background with the Yxy color 52.0608, 0.3447, 0.3035.

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

52.0608, 0.3447, 0.3035

Protanopia

52.2791, 0.3001, 0.3082

Deuteranopia

52.0933, 0.3234, 0.3159



Tritanopia

51.9242, 0.3506, 0.3134

Trichromacy



Original Color

52.0608, 0.3447, 0.3035

Protanomaly

52.1794, 0.3154, 0.3065

Deuteranomaly

51.8307, 0.3307, 0.3104

Tritanomaly

52.0567, 0.3480, 0.3100

Monochromacy



Original Color

52.0608, 0.3447, 0.3035

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.5073, 0.3239, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0608, 0.3447, 0.3035 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(233, 175, 198)` looks like.

```
.text, #text, p{  
    color:rgb(233, 175, 198)  
}
```

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(233, 175, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 175, 198) }
```

Border

The CSS property to change the border of an element to Yxy 52.0608, 0.3447, 0.3035 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(233, 175, 198) }
```

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

```
.border{ border-color:rgb(233, 175, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 175, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 175, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 175, 198);  
box-shadow:4px 4px 4px 4px rgb(233, 175,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0608, 0.3447, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 175, 198) }
```

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

```
.background{ background-color: rgb(233,  
175, 198) }
```

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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