

Converting Colors

Yxy(52.6714, 0.3611, 0.3270)

Have a look what the booklet for
Yxy(52.6714, 0.3611, 0.3270)
contains.

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Color

Yxy(52.6285, 0.3608, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	EAB2B4
RGB	234, 178, 180
RGB Percent	92%, 70%, 71%
CMY	0.0824, 0.3019, 0.2941
CMYK	0.00, 0.24, 0.23, 0.08
HSL	358°, 57%, 81%
HSV	358°, 24%, 92%
XYZ	58.0862, 52.6285, 50.2780
YIQ	194.9720, 32.7340, 12.4940

Conversions

Conversions Part 2

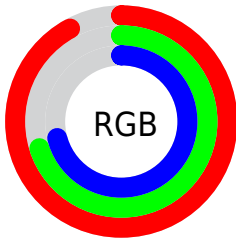
Format	Color
RYB	234, 178, 180
Decimal	15381172
CIELab	77.66, 20.62, 6.89
CIELCh	78, 21.742, 18.472
Yxy	52.6285, 0.3608, 0.3269
Android (android.graphics.Color)	4293571252 (0xFFEAB2B4)
YUV	194.9720, -7.3812, 34.2276
Hunter-Lab	72.5455, 15.9678, 9.6906

Details

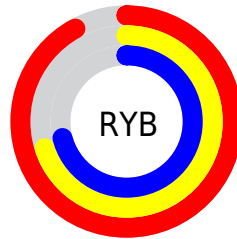
The Yxy color $52.6285, 0.3608, 0.3269$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $74.1281, 0.2785, 0.3312$, and the grayscale version is $54.5868, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1618, 0.3257, 0.3271$, and $25.5466, 0.3741, 0.3262$ is the 20% darker color. If you saturate the color by 10%, you get $43.2535, 0.3897, 0.3260$, and if you desaturate by 10%, it is $63.7462, 0.3375, 0.3278$.

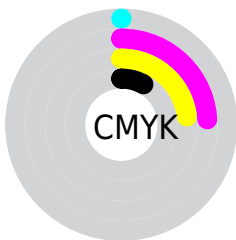
Distribution



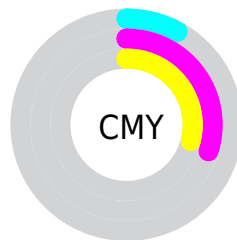
- Red (92%)
- Green (70%)
- Blue (71%)



- Red (92%)
- Yellow (70%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (23%)
- Black (8%)





- Cyan (8%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.6285, 0.3608, 0.3269 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 52.6285, 0.3608, 0.3269 by changing the saturation by 10% instead.

 52.6285, 0.3608,
0.3269

 52.6285, 0.3608,
0.3269


396.8582, 0.3371,
0.3283

 37.5063, 0.3666,
0.3265


 94.0575, 0.3522,
0.3275

 25.5997, 0.3740,
0.3258


121.1330, 0.3490,
0.3277

 16.5244, 0.3838,
0.3249


152.9618, 0.3463,
0.3278

 9.8960, 0.3973,
0.3235

189.9283, 0.3439,
0.3280

 5.3301, 0.4169,
0.3210

232.4167, 0.3419,
0.3281

 2.4422, 0.4480,
0.3163

280.8116, 0.3401,

 0.8475, 0.5208,

0.3282

0.3151

335.4973, 0.3385,
0.3282

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.6285, 0.3608,
0.3269

52.6285, 0.3608,
0.3269

43.2535, 0.3897,
0.3260

63.7462, 0.3375,
0.3278

35.5260, 0.4251,
0.3252

76.6807, 0.3189,
0.3287

29.3530, 0.4668,
0.3246

91.5111, 0.3041,
0.3295

24.6293, 0.5133,
0.3245

96.2295, 0.2999,
0.3290

■ 21.2366, 0.5602,
0.3249

■ 19.0382, 0.6008,
0.3261

■ 17.8678, 0.6280,
0.3278

■ 17.5077, 0.6373,
0.3284

Harmonies

Analogous

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



52.6285, 0.3373, 0.3041



52.6285, 0.3608, 0.3269



52.6285, 0.3708, 0.3512

Triad

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



52.6285, 0.3608, 0.3269



52.6285, 0.3155, 0.3756



52.6285, 0.2629, 0.2858

Complementary

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



52.6285, 0.3608, 0.3269



74.1281, 0.2785, 0.3312

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.



52.6285, 0.2579, 0.3026



52.6285, 0.3608, 0.3269



52.6285, 0.2874, 0.3557

Square

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



52.6285, 0.3608, 0.3269



52.6285, 0.3438, 0.3809



52.6285, 0.2666, 0.3283



52.6285, 0.2808, 0.2808

Rectangle

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



52.6285, 0.3608, 0.3269



52.6285, 0.3683, 0.3654



52.6285, 0.2666, 0.3283



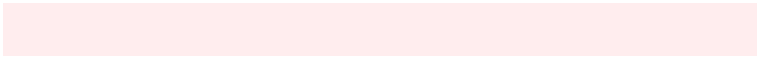
52.6285, 0.2597, 0.2901

Sweetspot

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



52.6309, 0.3608, 0.3269



88.0757, 0.3243, 0.3284



54.8051, 0.3132, 0.2691



18.6431, 0.3254, 0.3284



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.



52.6309, 0.3608, 0.3269



57.7754, 0.3751, 0.3264



63.5105, 0.3561, 0.3570



15.0627, 0.3287, 0.3282



9.8439, 0.6362, 0.3279



0.7760, 0.6259, 0.3222

Inverse Universe

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



52.6309, 0.3608, 0.3269



57.7754, 0.3751, 0.3264



60.9071, 0.2750, 0.2993



15.0627, 0.3287, 0.3282



9.8439, 0.6362, 0.3279



0.7760, 0.6259, 0.3222

Previews

White Background



This preview shows how the Yxy color 52.6285, 0.3608, 0.3269 looks on a white background.

Color Contrast Check

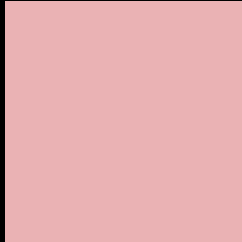
Large Text (above 18pt) WCAG AA × Fail

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 52.6285, 0.3608, 0.3269 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 52.6285, 0.3608, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 52.6285, 0.3608, 0.3269.



This preview shows how white text looks on a background with the Yxy color 52.6285, 0.3608, 0.3269.

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

52.6285, 0.3608, 0.3269

Protanopia

52.7198, 0.3207, 0.3339

Deuteranopia

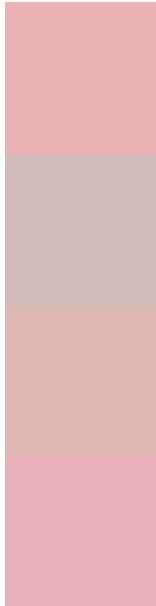
52.9714, 0.3440, 0.3374



Tritanopia

52.4305, 0.3533, 0.3135

Trichromacy



Original Color

52.6285, 0.3608, 0.3269

Protanomaly

52.2801, 0.3347, 0.3315

Deuteranomaly

52.8096, 0.3508, 0.3338

Tritanomaly

52.6516, 0.3566, 0.3191

Monochromacy



Original Color

52.6285, 0.3608, 0.3269

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.6682, 0.3286, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6285, 0.3608, 0.3269 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, 178, 180)` looks like.

```
.text, #text, p{  
    color:rgb(234, 178, 180)  
}
```

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, 178, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 178, 180) }
```

Border

The CSS property to change the border of an element to Yxy 52.6285, 0.3608, 0.3269 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, 178, 180) }
```

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

```
.border{ border-color:rgb(234, 178, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 178, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 178, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 178, 180);  
box-shadow:4px 4px 4px 4px rgb(234, 178,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6285, 0.3608, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 178, 180) }
```

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

```
.background{ background-color: rgb(234,  
178, 180) }
```

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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