

Converting Colors

Yxy(52.0712, 0.3545, 0.3231)

Have a look what the booklet for
Yxy(52.0712, 0.3545, 0.3231)
contains.

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Color

Yxy(52.0827, 0.3546, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	E6B2B7
RGB	230, 178, 183
RGB Percent	90%, 70%, 72%
CMY	0.0980, 0.3020, 0.2822
CMYK	0.00, 0.23, 0.20, 0.10
HSL	354°, 51%, 80%
HSV	354°, 23%, 90%
XYZ	57.1074, 52.0827, 51.8572
YIQ	194.1180, 29.3870, 12.5790

Conversions

Conversions Part 2

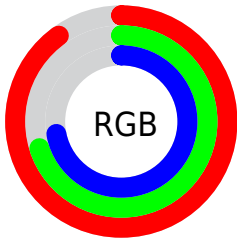
Format	Color
R _Y B	230, 178, 183
Decimal	15119031
CIE Lab	77.33, 19.63, 4.73
CIE LCh	77, 20.187, 13.541
Yxy	52.0827, 0.3546, 0.3234
Android (android.graphics.Color)	4293309111 (0xFFE6B2B7)
YUV	194.1180, -5.4812, 31.4685
Hunter-Lab	72.1683, 14.9538, 7.9145

Details

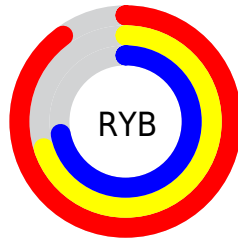
The Yxy color **52.0827, 0.3546, 0.3234** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.5042, 0.2821, 0.3347**, and the grayscale version is **54.0451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3376, 0.3238, 0.3241**, and **25.2776, 0.3668, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **42.8842, 0.3808, 0.3208**, and if you desaturate by 10%, it is **62.9484, 0.3335, 0.3260**.

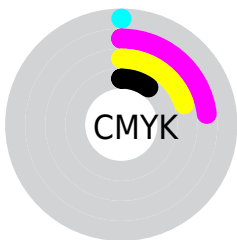
Distribution



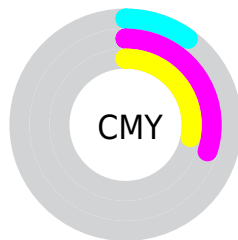
- Red (90%)
- Green (70%)
- Blue (72%)



- Red (90%)
- Yellow (70%)
- Blue (72%)



- Cyan (0%)
- Magenta (23%)
- Yellow (20%)
- Black (10%)




- Cyan (10%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0827, 0.3546, 0.3234 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 52.0827, 0.3546, 0.3234 by changing the saturation by 10% instead.

 52.0827, 0.3546,
0.3234

 52.0827, 0.3546,
0.3234


394.7558, 0.3339,
0.3264

 37.0710, 0.3597,
0.3226


 93.2532, 0.3471,
0.3245

 25.2625, 0.3662,
0.3215


120.1808, 0.3443,
0.3249

 16.2727, 0.3747,
0.3201


151.8491, 0.3419,
0.3253

 9.7173, 0.3865,
0.3180

188.6426, 0.3399,
0.3256

 5.2119, 0.4037,
0.3147

230.9456, 0.3381,
0.3258

 2.3722, 0.4311,
0.3089

279.1425, 0.3365,

 0.8115, 0.4917,

0.3260

0.3023

333.6178, 0.3352,
0.3262

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.0827, 0.3546,
0.3234

52.0827, 0.3546,
0.3234

42.8842, 0.3808,
0.3208

62.9484, 0.3335,
0.3260

35.2636, 0.4128,
0.3183

75.5504, 0.3166,
0.3284

29.1342, 0.4510,
0.3163

89.9627, 0.3030,
0.3306

24.3983, 0.4944,
0.3153

95.5661, 0.2976,
0.3290

■ 20.9462, 0.5400,
0.3157

■ 18.6519, 0.5824,
0.3179

■ 17.3638, 0.6151,
0.3219

■ 16.8850, 0.6308,
0.3249

Harmonies

Analogous

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



52.0827, 0.3313, 0.3027



52.0827, 0.3546, 0.3234



52.0827, 0.3663, 0.3462

Triad

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



52.0827, 0.3546, 0.3234



52.0827, 0.3199, 0.3741



52.0827, 0.2646, 0.2906

Complementary

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



52.0827, 0.3546, 0.3234



71.5042, 0.2821, 0.3347

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.



52.0827, 0.2620, 0.3080



52.0827, 0.3546, 0.3234



52.0827, 0.2931, 0.3576

Square

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



52.0827, 0.3546, 0.3234



52.0827, 0.3456, 0.3767



52.0827, 0.2722, 0.3327



52.0827, 0.2795, 0.2839

Rectangle

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



52.0827, 0.3546, 0.3234



52.0827, 0.3657, 0.3601



52.0827, 0.2722, 0.3327



52.0827, 0.2623, 0.2953

Sweetspot

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



52.0851, 0.3546, 0.3234



88.1400, 0.3236, 0.3273



53.5312, 0.3111, 0.2721



18.6580, 0.3246, 0.3272



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.



52.0851, 0.3546, 0.3234



60.2828, 0.3658, 0.3222



60.7974, 0.3540, 0.3525



14.3905, 0.3277, 0.3268



9.5655, 0.6287, 0.3237



0.7146, 0.6019, 0.3089

Inverse Universe

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



52.0851, 0.3546, 0.3234



60.2828, 0.3658, 0.3222



60.8825, 0.2774, 0.3043



14.3905, 0.3277, 0.3268



9.5655, 0.6287, 0.3237



0.7146, 0.6019, 0.3089

Previews

White Background



This preview shows how the Yxy color 52.0827, 0.3546, 0.3234 looks on a white background.

Color Contrast Check

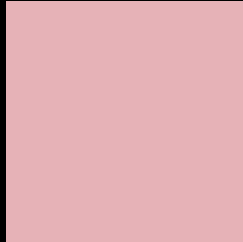
Large Text (above 18pt) WCAG AA × Fail

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 52.0827, 0.3546, 0.3234 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 52.0827, 0.3546, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 52.0827, 0.3546, 0.3234.



This preview shows how white text looks on a background with the Yxy color 52.0827, 0.3546, 0.3234.

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

52.0827, 0.3546, 0.3234

Protanopia

52.1467, 0.3168, 0.3290

Deuteranopia

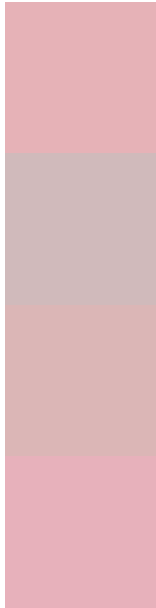
52.2215, 0.3391, 0.3327



Tritanopia

52.1509, 0.3495, 0.3144

Trichromacy



Original Color

52.0827, 0.3546, 0.3234

Protanomaly

52.1156, 0.3305, 0.3279

Deuteranomaly

51.8934, 0.3449, 0.3291

Tritanomaly

52.0211, 0.3522, 0.3178

Monochromacy



Original Color

52.0827, 0.3546, 0.3234

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.9495, 0.3270, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0827, 0.3546, 0.3234 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(230, 178, 183)` looks like.

```
.text, #text, p{  
    color:rgb(230, 178, 183)  
}
```

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(230, 178, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 178, 183) }
```

Border

The CSS property to change the border of an element to Yxy 52.0827, 0.3546, 0.3234 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(230, 178, 183) }
```

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

```
.border{ border-color:rgb(230, 178, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 178, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 178, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 178, 183);  
box-shadow:4px 4px 4px 4px rgb(230, 178,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0827, 0.3546, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 178, 183) }
```

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

```
.background{ background-color: rgb(230,  
178, 183) }
```

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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