

Converting Colors

Yxy(51.9911, 0.3514, 0.3158)

Have a look what the booklet for
Yxy(51.9911, 0.3514, 0.3158)
contains.

Yxy(52.0640, 0.3513, 0.3167)	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(52.0640, 0.3513, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	E7B1BC
RGB	231, 177, 188
RGB Percent	91%, 69%, 74%
CMY	0.0941, 0.3058, 0.2628
CMYK	0.00, 0.23, 0.19, 0.09
HSL	348°, 53%, 80%
HSV	348°, 23%, 91%
XYZ	57.7521, 52.0640, 54.5792
YIQ	194.4000, 28.6530, 14.8690

Conversions

Conversions Part 2

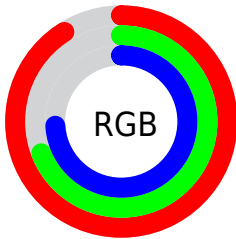
Format	Color
R _Y B	231, 177, 188
Decimal	15184316
CIE Lab	77.32, 21.26, 2.02
CIE LCh	77, 21.352, 5.432
Yxy	52.0640, 0.3513, 0.3167
Android (android.graphics.Color)	4293374396 (0xFFE7B1BC)
YUV	194.4000, -3.1552, 32.0982
Hunter-Lab	72.1554, 16.5968, 5.6611

Details

The Yxy color **52.0640, 0.3513, 0.3167** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.6642, 0.2843, 0.3418**, and the grayscale version is **54.2053, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0695, 0.3207, 0.3183**, and **25.2785, 0.3621, 0.3129** is the 20% darker color. If you saturate the color by 10%, you get **42.9563, 0.3745, 0.3111**, and if you desaturate by 10%, it is **62.8221, 0.3324, 0.3222**.

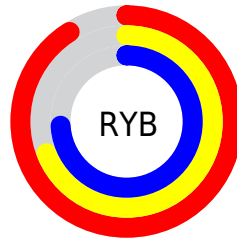
Distribution



Red (91%)

Green (69%)

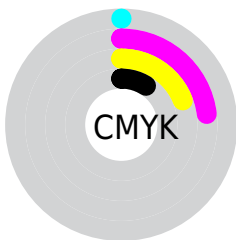
Blue (74%)



Red (91%)

Yellow (69%)

Blue (74%)

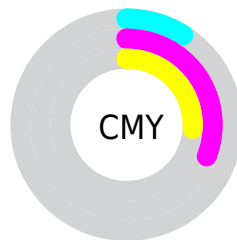


Cyan (0%)

Magenta (23%)

Yellow (19%)

Black (9%)



Cyan (9%)


Magenta (31%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0640, 0.3513, 0.3167 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 52.0640, 0.3513, 0.3167 by changing the saturation by 10% instead.


 52.0640, 0.3513,
0.3167

 52.0640, 0.3513,
0.3167


394.6836, 0.3323,
0.3229

 37.0561, 0.3560,
0.3152


 93.2256, 0.3445,
0.3189

 25.2509, 0.3619,
0.3132


120.1481, 0.3419,
0.3198

 16.2641, 0.3697,
0.3106


151.8109, 0.3397,
0.3205

 9.7112, 0.3804,
0.3069

188.5985, 0.3378,
0.3211

 5.2079, 0.3961,
0.3015

230.8951, 0.3362,
0.3216

 2.3698, 0.4210,
0.2927

279.0853, 0.3347,

 0.8103, 0.4695,

0.3221

0.2771

333.5533, 0.3334,
0.3225

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.0640, 0.3513,
0.3167

52.0640, 0.3513,
0.3167

42.9563, 0.3745,
0.3111

62.8221, 0.3324,
0.3222

35.4104, 0.4028,
0.3058

75.2993, 0.3172,
0.3273

29.3401, 0.4365,
0.3013

89.5690, 0.3048,
0.3321

24.6480, 0.4749,
0.2984

95.7279, 0.2982,
0.3290

■ 21.2249, 0.5162,
0.2981

■ 18.9451, 0.5567,
0.3011

■ 17.6564, 0.5914,
0.3078

■ 17.1932, 0.6095,
0.3131

Harmonies

Analogous

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



52.0640, 0.3245, 0.2964



52.0640, 0.3513, 0.3167



52.0640, 0.3676, 0.3406

Triad

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



52.0640, 0.3513, 0.3167



52.0640, 0.3281, 0.3791



52.0640, 0.2598, 0.2923

Complementary

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



52.0640, 0.3513, 0.3167



71.6642, 0.2843, 0.3418

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.



52.0640, 0.2607, 0.3132



52.0640, 0.3513, 0.3167



52.0640, 0.2993, 0.3653

Square

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



52.0640, 0.3513, 0.3167



52.0640, 0.3536, 0.3776



52.0640, 0.2749, 0.3404



52.0640, 0.2722, 0.2821

Rectangle

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



52.0640, 0.3513, 0.3167



52.0640, 0.3699, 0.3561



52.0640, 0.2749, 0.3404



52.0640, 0.2586, 0.2982

Sweetspot

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



52.0664, 0.3513, 0.3167



88.2532, 0.3224, 0.3255



52.3232, 0.3059, 0.2692



18.6841, 0.3233, 0.3252



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.



52.0664, 0.3513, 0.3167



59.4583, 0.3618, 0.3140



57.9958, 0.3572, 0.3464



14.4157, 0.3261, 0.3242



9.6536, 0.6060, 0.3112



0.7266, 0.5661, 0.2892

Inverse Universe

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



52.0664, 0.3513, 0.3167



59.4583, 0.3618, 0.3140



64.0745, 0.2768, 0.3109



14.4157, 0.3261, 0.3242



9.6536, 0.6060, 0.3112



0.7266, 0.5661, 0.2892

Previews

White Background



This preview shows how the Yxy color 52.0640, 0.3513, 0.3167 looks on a white background.

Color Contrast Check

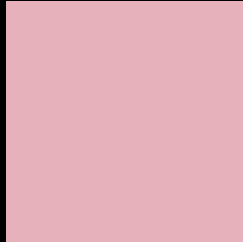
Large Text (above 18pt) WCAG AA × Fail

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 52.0640, 0.3513, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

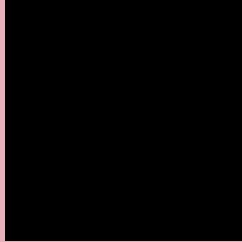
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0640, 0.3513, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 52.0640, 0.3513, 0.3167.



This preview shows how white text looks on a background with the Yxy color 52.0640, 0.3513, 0.3167.

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

52.0640, 0.3513, 0.3167

Protanopia

52.1499, 0.3106, 0.3216

Deuteranopia

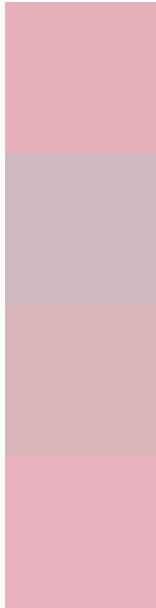
52.1347, 0.3332, 0.3267



Tritanopia

52.1509, 0.3495, 0.3144

Trichromacy



Original Color

52.0640, 0.3513, 0.3167

Protanomaly

51.8136, 0.3250, 0.3195

Deuteranomaly

51.9492, 0.3398, 0.3232

Tritanomaly

52.1073, 0.3504, 0.3156

Monochromacy



Original Color

52.0640, 0.3513, 0.3167

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.0376, 0.3254, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0640, 0.3513, 0.3167 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(231, 177, 188)` looks like.

```
.text, #text, p{  
    color:rgb(231, 177, 188)  
}
```

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(231, 177, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 177, 188) }
```

Border

The CSS property to change the border of an element to Yxy 52.0640, 0.3513, 0.3167 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(231, 177, 188) }
```

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

```
.border{ border-color:rgb(231, 177, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 177, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 177, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 177, 188);  
box-shadow:4px 4px 4px 4px rgb(231, 177,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0640, 0.3513, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 177, 188) }
```

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

```
.background{ background-color: rgb(231,  
177, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor