

Converting Colors

Yxy(52.5328, 0.3613, 0.3260)

Have a look what the booklet for
Yxy(52.5328, 0.3613, 0.3260)
contains.

Yxy(52.4017, 0.3620, 0.3258)	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(52.4017, 0.3620, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	EBB1B4
RGB	235, 177, 180
RGB Percent	92%, 69%, 71%
CMY	0.0784, 0.3059, 0.2942
CMYK	0.00, 0.25, 0.23, 0.08
HSL	357°, 59%, 81%
HSV	357°, 25%, 92%
XYZ	58.2241, 52.4017, 50.2143
YIQ	194.6840, 33.6050, 13.2290

Conversions

Conversions Part 2

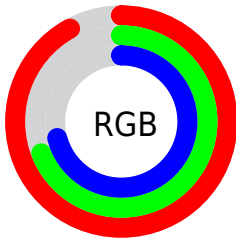
Format	Color
R _Y B	235, 177, 180
Decimal	15446452
CIE Lab	77.52, 21.54, 6.72
CIE LCh	78, 22.563, 17.332
Yxy	52.4017, 0.3620, 0.3258
Android (android.graphics.Color)	4293636532 (0xFFEBB1B4)
YUV	194.6840, -7.2392, 35.3571
Hunter-Lab	72.3890, 16.8908, 9.5445

Details

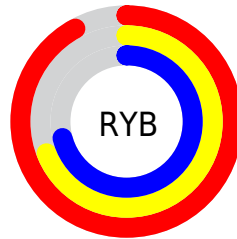
The Yxy color **52.4017, 0.3620, 0.3258** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.6032, 0.2780, 0.3323**, and the grayscale version is **54.4056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5940, 0.3258, 0.3261**, and **25.4126, 0.3757, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **43.0690, 0.3909, 0.3245**, and if you desaturate by 10%, it is **63.4841, 0.3387, 0.3271**.

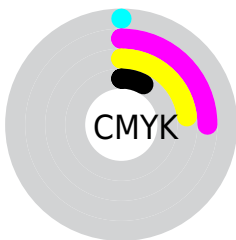
Distribution



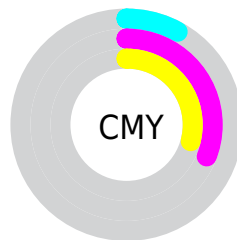
- Red (92%)
- Green (69%)
- Blue (71%)



- Red (92%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (25%)
- Yellow (23%)
- Black (8%)





- Cyan (8%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4017, 0.3620, 0.3258 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 52.4017, 0.3620, 0.3258 by changing the saturation by 10% instead.


 52.4017, 0.3620,
0.3258

 52.4017, 0.3620,
0.3258


395.9854, 0.3377,
0.3277

 37.3254, 0.3680,
0.3252

 93.7234, 0.3532,
0.3266

 25.4595, 0.3756,
0.3244


120.7375, 0.3499,
0.3269

 16.4197, 0.3856,
0.3233


152.4997, 0.3471,
0.3271

 9.8217, 0.3994,
0.3215

189.3944, 0.3447,
0.3273

 5.2809, 0.4196,
0.3186

231.8059, 0.3426,
0.3274

 2.4130, 0.4516,
0.3131

280.1186, 0.3407,

 0.8326, 0.5267,

0.3275

0.3105

334.7170, 0.3391,
0.3276

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.4017, 0.3620,
0.3258

52.4017, 0.3620,
0.3258

43.0690, 0.3909,
0.3245

63.4841, 0.3387,
0.3271

35.3899, 0.4261,
0.3233

76.3915, 0.3201,
0.3284

29.2700, 0.4676,
0.3224

91.2037, 0.3052,
0.3296

24.6026, 0.5138,
0.3221

96.4054, 0.3005,
0.3290

■ 21.2676, 0.5602,
0.3228

■ 19.1254, 0.6004,
0.3244

■ 18.0059, 0.6275,
0.3269

■ 17.6921, 0.6360,
0.3277

Harmonies

Analogous

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



52.4017, 0.3371, 0.3024



52.4017, 0.3620, 0.3258



52.4017, 0.3731, 0.3510

Triad

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



52.4017, 0.3620, 0.3258



52.4017, 0.3167, 0.3780



52.4017, 0.2606, 0.2845

Complementary

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



52.4017, 0.3620, 0.3258



74.6032, 0.2780, 0.3323

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.



52.4017, 0.2559, 0.3024



52.4017, 0.3620, 0.3258



52.4017, 0.2874, 0.3578

Square

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



52.4017, 0.3620, 0.3258



52.4017, 0.3460, 0.3829



52.4017, 0.2654, 0.3293



52.4017, 0.2786, 0.2790

Rectangle

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



52.4017, 0.3620, 0.3258



52.4017, 0.3708, 0.3660



52.4017, 0.2654, 0.3293



52.4017, 0.2575, 0.2892

Sweetspot

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



52.4041, 0.3620, 0.3258



88.0922, 0.3241, 0.3281



54.4576, 0.3125, 0.2670



18.6469, 0.3252, 0.3281



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.



52.4041, 0.3620, 0.3258



56.6953, 0.3770, 0.3251



63.1473, 0.3581, 0.3569



15.0666, 0.3285, 0.3278



9.8502, 0.6346, 0.3269



0.7779, 0.6199, 0.3189

Inverse Universe

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



52.4041, 0.3620, 0.3258



56.6953, 0.3770, 0.3251



61.3791, 0.2738, 0.2994



15.0666, 0.3285, 0.3278



9.8502, 0.6346, 0.3269



0.7779, 0.6199, 0.3189

Previews

White Background



This preview shows how the Yxy color 52.4017, 0.3620, 0.3258 looks on a white background.

Color Contrast Check

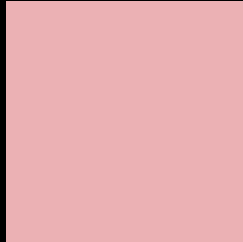
Large Text (above 18pt) WCAG AA × Fail

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 52.4017, 0.3620, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

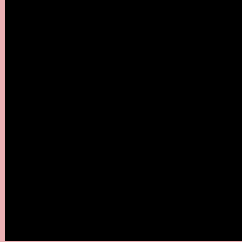
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4017, 0.3620, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 52.4017, 0.3620, 0.3258.



This preview shows how white text looks on a background with the Yxy color 52.4017, 0.3620, 0.3258.

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

52.4017, 0.3620, 0.3258

Protanopia

52.6282, 0.3191, 0.3327

Deuteranopia

52.3593, 0.3442, 0.3374



Tritanopia

52.5577, 0.3551, 0.3147

Trichromacy



Original Color

52.4017, 0.3620, 0.3258

Protanomaly

52.3222, 0.3339, 0.3303

Deuteranomaly

52.2402, 0.3501, 0.3326

Tritanomaly

52.4287, 0.3577, 0.3180

Monochromacy



Original Color

52.4017, 0.3620, 0.3258

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.3858, 0.3295, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4017, 0.3620, 0.3258 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(235, 177, 180)` looks like.

```
.text, #text, p{  
    color:rgb(235, 177, 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(235, 177, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 177, 180) }
```

Border

The CSS property to change the border of an element to Yxy 52.4017, 0.3620, 0.3258 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(235, 177, 180) }
```

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

```
.border{ border-color:rgb(235, 177, 180) }
```

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

Here you see how a box with a 4 pixel rgb(235, 177, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 177, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 177, 180);  
box-shadow:4px 4px 4px 4px rgb(235, 177,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4017, 0.3620, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 177, 180) }
```

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

```
.background{ background-color: rgb(235,  
177, 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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