

Converting Colors

Yxy(58.8012, 0.3647, 0.3326)

Have a look what the booklet for
Yxy(58.8012, 0.3647, 0.3326)
contains.

Yxy(59.0200, 0.3652, 0.3335)	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(59.0200, 0.3652, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	F6BCB8
RGB	246, 188, 184
RGB Percent	96%, 74%, 72%
CMY	0.0354, 0.2627, 0.2785
CMYK	0.00, 0.24, 0.25, 0.04
HSL	4°, 77%, 84%
HSV	4°, 25%, 96%
XYZ	64.6300, 59.0200, 53.3215
YIQ	204.8860, 35.8520, 11.0520

Conversions

Conversions Part 2

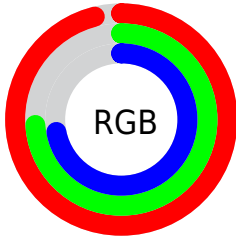
Format	Color
R_{YB}	246, 188, 184
Decimal	16170168
CIE Lab	81.30, 20.27, 10.12
CIE LCh	81, 22.656, 26.528
Yxy	59.0200, 0.3652, 0.3335
Android (android.graphics.Color)	4294360248 (0xFFF6BCB8)
YUV	204.8860, -10.2968, 36.0570
Hunter-Lab	76.8245, 15.7236, 12.6258

Details

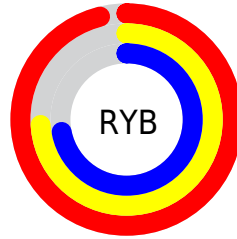
The Yxy color **59.0200, 0.3652, 0.3335** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.2975, 0.2752, 0.3245**, and the grayscale version is **61.0235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2526, 0.3223, 0.3329**, and **29.5077, 0.3797, 0.3334** is the 20% darker color. If you saturate the color by 10%, you get **49.0245, 0.3951, 0.3354**, and if you desaturate by 10%, it is **70.7652, 0.3409, 0.3316**.

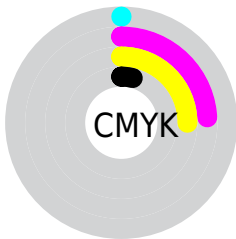
Distribution



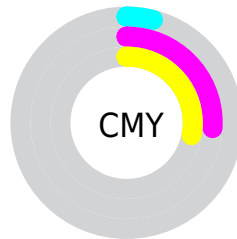
- Red (96%)
- Green (74%)
- Blue (72%)



- Red (96%)
- Yellow (74%)
- Blue (72%)



- Cyan (0%)
- Magenta (24%)
- Yellow (25%)
- Black (4%)




- Cyan (4%)
- Magenta (26%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0200, 0.3652, 0.3335 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 59.0200, 0.3652, 0.3335 by changing the saturation by 10% instead.


 59.0200, 0.3652,
0.3335

 59.0200, 0.3652,
0.3335


420.9760, 0.3398,
0.3318

 42.6292, 0.3713,
0.3338


 103.4067, 0.3561,
0.3330

 29.5943, 0.3790,
0.3340


132.1715, 0.3527,
0.3328

 19.5309, 0.3890,
0.3342


165.8297, 0.3497,
0.3326

 12.0545, 0.4025,
0.3343

204.7657, 0.3472,
0.3324

 6.7808, 0.4218,
0.3339

249.3639, 0.3450,
0.3323

 3.3254, 0.4511,
0.3324

300.0088, 0.3430,

 1.3039, 0.5047,

0.3321

0.3297

357.0847, 0.3413,
0.3320

0.1442, 0.8142,
0.1858

0.0000, 0.0000,
0.0000

59.0200, 0.3652,
0.3335

59.0200, 0.3652,
0.3335

49.0245, 0.3951,
0.3354

70.7652, 0.3409,
0.3316

40.6873, 0.4312,
0.3372

84.3296, 0.3213,
0.3299

33.9212, 0.4733,
0.3385

98.3265, 0.3072,
0.3290

28.6275, 0.5195,
0.3392

■ 24.6966, 0.5652,
0.3386

■ 22.0035, 0.6040,
0.3368

■ 20.4000, 0.6293,
0.3339

■ 19.9583, 0.6366,
0.3328

Harmonies

Analogous

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



59.0200, 0.3446, 0.3097



59.0200, 0.3652, 0.3335



59.0200, 0.3709, 0.3573

Triad

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



59.0200, 0.3652, 0.3335



59.0200, 0.3076, 0.3716



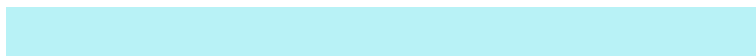
59.0200, 0.2664, 0.2831

Complementary

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



59.0200, 0.3652, 0.3335



80.2975, 0.2752, 0.3245

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.



59.0200, 0.2577, 0.2969



59.0200, 0.3652, 0.3335



59.0200, 0.2807, 0.3488

Square

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



59.0200, 0.3652, 0.3335



59.0200, 0.3367, 0.3812



59.0200, 0.2628, 0.3208



59.0200, 0.2873, 0.2814

Rectangle

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



59.0200, 0.3652, 0.3335



59.0200, 0.3654, 0.3703



59.0200, 0.2628, 0.3208



59.0200, 0.2621, 0.2864

Sweetspot

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



59.0227, 0.3652, 0.3335



87.1860, 0.3264, 0.3303



60.3223, 0.3180, 0.2691



18.1771, 0.3293, 0.3306



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.



59.0227, 0.3652, 0.3335



58.5638, 0.3790, 0.3344



73.2264, 0.3575, 0.3649



16.6559, 0.3292, 0.3306



10.7243, 0.6354, 0.3337



1.0022, 0.6240, 0.3428

Inverse Universe

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



80.2975, 0.2752, 0.3245



85.1219, 0.2687, 0.3235



63.8633, 0.2722, 0.2902



18.5618, 0.2981, 0.3274



33.8270, 0.2190, 0.3085



3.0279, 0.2198, 0.3113

Previews

White Background



This preview shows how the Yxy color 59.0200, 0.3652, 0.3335 looks on a white background.

Color Contrast Check

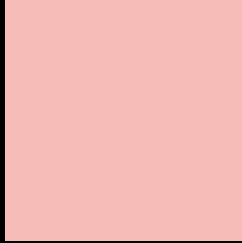
Large Text (above 18pt) WCAG AA × Fail

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 59.0200, 0.3652, 0.3335 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 59.0200, 0.3652, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 59.0200, 0.3652, 0.3335.

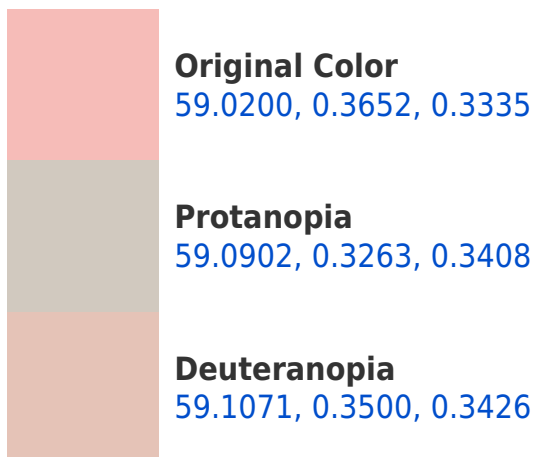


This preview shows how white text looks on a background with the Yxy color 59.0200, 0.3652, 0.3335.

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

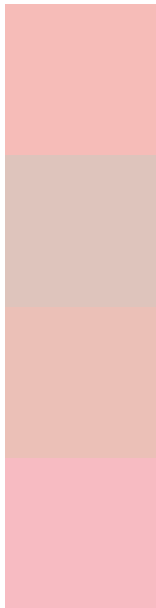




Tritanopia

59.2444, 0.3538, 0.3143

Trichromacy



Original Color

59.0200, 0.3652, 0.3335

Protanomaly

58.6403, 0.3400, 0.3382

Deuteranomaly

58.7803, 0.3557, 0.3391

Tritanomaly

59.2098, 0.3578, 0.3217

Monochromacy



Original Color

59.0200, 0.3652, 0.3335

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.0937, 0.3309, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0200, 0.3652, 0.3335 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(246, 188, 184)` looks like.

```
.text, #text, p{  
    color:rgb(246, 188, 184)  
}
```

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(246, 188, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 188, 184) }
```

Border

The CSS property to change the border of an element to Yxy 59.0200, 0.3652, 0.3335 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(246, 188, 184) }
```

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

```
.border{ border-color:rgb(246, 188, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 188, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 188, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 188, 184);  
box-shadow:4px 4px 4px 4px rgb(246, 188,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0200, 0.3652, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 188, 184) }
```

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

```
.background{ background-color: rgb(246,  
188, 184) }
```

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