

Converting Colors

$Y_{xy}(59.3333, 0.3774, 0.3350)$

Have a look what the booklet for
Yxy(59.3333, 0.3774, 0.3350)
contains.

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Color

Yxy(59.2532, 0.3772, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9B4
RGB	255, 185, 180
RGB Percent	100%, 73%, 71%
CMY	0.0000, 0.2745, 0.2941
CMYK	0.00, 0.27, 0.29, 0.00
HSL	4°, 100%, 85%
HSV	4°, 29%, 100%
XYZ	66.8370, 59.2532, 51.1023
YIQ	205.3600, 43.3250, 13.2850

Conversions

Conversions Part 2

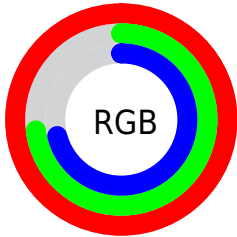
Format	Color
R _Y B	255, 185, 180
Decimal	16759220
CIE Lab	81.43, 24.67, 12.56
CIE LCh	81, 27.681, 26.979
Yxy	59.2532, 0.3772, 0.3344
Android (android.graphics.Color)	4294949300 (0xFFFFB9B4)
YUV	205.3600, -12.5025, 43.5343
Hunter-Lab	76.9761, 20.2803, 14.5223

Details

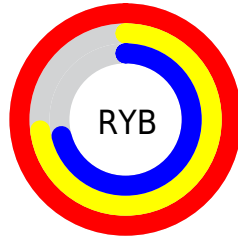
The Yxy color **59.2532, 0.3772, 0.3344** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.3125, 0.2695, 0.3235**, and the grayscale version is **61.3485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2267, 0.3251, 0.3339**, and **29.6352, 0.3949, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **49.1638, 0.4097, 0.3363**, and if you desaturate by 10%, it is **71.1951, 0.3506, 0.3325**.

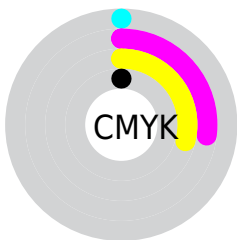
Distribution



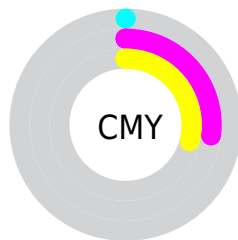
- Red (100%)
- Green (73%)
- Blue (71%)



- Red (100%)
- Yellow (73%)
- Blue (71%)



- Cyan (0%)
- Magenta (27%)
- Yellow (29%)
- Black (0%)




- Cyan (0%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2532, 0.3772, 0.3344 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 59.2532, 0.3772, 0.3344 by changing the saturation by 10% instead.


 59.2532, 0.3772,
0.3344

 59.2532, 0.3772,
0.3344

421.8396, 0.3459,
0.3326

 42.8170, 0.3847,
0.3346


 103.7456, 0.3661,
0.3339

 29.7415, 0.3941,
0.3348


132.5705, 0.3618,
0.3337

 19.6425, 0.4064,
0.3349


166.2938, 0.3582,
0.3335

 12.1354, 0.4229,
0.3346

205.2999, 0.3551,
0.3332

 6.8360, 0.4462,
0.3336

249.9731, 0.3523,
0.3331

 3.3597, 0.4814,
0.3305

300.6979, 0.3500,

 1.3223, 0.5491,

0.3329

0.3272

357.8586, 0.3478,
0.3327

0.1584, 0.8262,
0.1738

0.0000, 0.0000,
0.0000

59.2532, 0.3772,
0.3344

59.2532, 0.3772,
0.3344

49.1638, 0.4097,
0.3363

71.1951, 0.3506,
0.3325

40.8432, 0.4485,
0.3380

85.0862, 0.3291,
0.3306

34.1865, 0.4928,
0.3391

100.0000, 0.3127,
0.3290

29.0817, 0.5396,
0.3393

■ 25.4030, 0.5833,
0.3381

■ 23.0051, 0.6169,
0.3357

■ 21.7068, 0.6358,
0.3328

■ 21.6583, 0.6366,
0.3327

Harmonies

Analogous

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



59.2532, 0.3521, 0.3060



59.2532, 0.3772, 0.3344



59.2532, 0.3837, 0.3632

Triad

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



59.2532, 0.3772, 0.3344



59.2532, 0.3056, 0.3813



59.2532, 0.2570, 0.2732

Complementary

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



59.2532, 0.3772, 0.3344



85.3125, 0.2695, 0.3235

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.



59.2532, 0.2464, 0.2893



59.2532, 0.3772, 0.3344



59.2532, 0.2733, 0.3527

Square

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



59.2532, 0.3772, 0.3344



59.2532, 0.3411, 0.3931



59.2532, 0.2521, 0.3180



59.2532, 0.2821, 0.2717

Rectangle

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



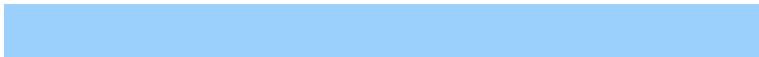
59.2532, 0.3772, 0.3344



59.2532, 0.3767, 0.3791



59.2532, 0.2521, 0.3180



59.2532, 0.2517, 0.2770

Sweetspot

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



59.2499, 0.3772, 0.3344



85.6915, 0.3283, 0.3305



60.8900, 0.3190, 0.2589



17.8798, 0.3311, 0.3308



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.



59.2499, 0.3772, 0.3344



53.3838, 0.3946, 0.3355



76.4049, 0.3664, 0.3713



18.1804, 0.3293, 0.3306



11.3887, 0.6354, 0.3337



1.1734, 0.6249, 0.3420

Inverse Universe

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



85.3125, 0.2695, 0.3235



83.1004, 0.2623, 0.3223



64.8965, 0.2650, 0.2825



20.2629, 0.2980, 0.3274



35.8379, 0.2189, 0.3081



3.5491, 0.2196, 0.3107

Previews

White Background



This preview shows how the Yxy color 59.2532, 0.3772, 0.3344 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 59.2532, 0.3772, 0.3344 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 59.2532, 0.3772, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 59.2532, 0.3772, 0.3344.



This preview shows how white text looks on a background with the Yxy color 59.2532, 0.3772, 0.3344.

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

59.2532, 0.3772, 0.3344

Protanopia

59.6168, 0.3285, 0.3443

Deuteranopia

59.2335, 0.3557, 0.3482



Tritanopia

59.1582, 0.3629, 0.3146

Trichromacy



Original Color

59.2532, 0.3772, 0.3344

Protanomaly

59.1938, 0.3449, 0.3404

Deuteranomaly

59.0415, 0.3635, 0.3423

Tritanomaly

59.3026, 0.3679, 0.3219

Monochromacy



Original Color

59.2532, 0.3772, 0.3344

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.0617, 0.3342, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2532, 0.3772, 0.3344 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(255, 185, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 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(255, 185, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 180) }
```

Border

The CSS property to change the border of an element to Yxy 59.2532, 0.3772, 0.3344 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(255, 185, 180) }
```

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

```
.border{ border-color:rgb(255, 185, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2532, 0.3772, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 180) }
```

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

```
.background{ background-color: rgb(255,  
185, 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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