

Converting Colors

$Y_{xy}(59.5022, 0.3761, 0.3338)$

Have a look what the booklet for
Yxy(59.5022, 0.3761, 0.3338)
contains.

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Color

Yxy(59.2941, 0.3763, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9B5
RGB	255, 185, 181
RGB Percent	100%, 73%, 71%
CMY	0.0001, 0.2744, 0.2902
CMYK	0.00, 0.27, 0.29, 0.00
HSL	3°, 100%, 85%
HSV	3°, 29%, 100%
XYZ	66.9237, 59.2941, 51.6289
YIQ	205.4740, 43.0040, 13.5960

Conversions

Conversions Part 2

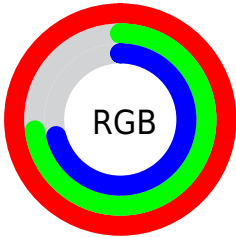
Format	Color
R _Y B	255, 185, 181
Decimal	16759221
CIE Lab	81.45, 24.76, 12.06
CIE LCh	81, 27.546, 25.975
Yxy	59.2941, 0.3763, 0.3334
Android (android.graphics.Color)	4294949301 (0xFFFFB9B5)
YUV	205.4740, -12.0657, 43.4343
Hunter-Lab	77.0027, 20.3813, 14.1490

Details

The Yxy color **59.2941, 0.3763, 0.3334** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.0104, 0.2701, 0.3245**, and the grayscale version is **61.4268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2850, 0.3244, 0.3329**, and **29.6614, 0.3937, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **49.0959, 0.4088, 0.3350**, and if you desaturate by 10%, it is **71.4001, 0.3498, 0.3318**.

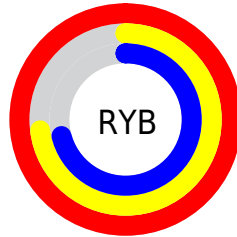
Distribution



Red (100%)

Green (73%)

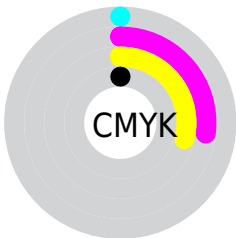
Blue (71%)



Red (100%)

Yellow (73%)

Blue (71%)

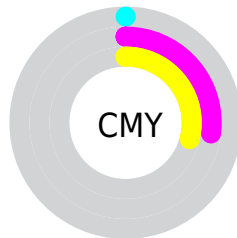


Cyan (0%)

Magenta (27%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (27%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2941, 0.3763, 0.3334 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 59.2941, 0.3763, 0.3334 by changing the saturation by 10% instead.

 59.2941, 0.3763,
0.3334

 59.2941, 0.3763,
0.3334


421.9909, 0.3455,
0.3320

 42.8499, 0.3837,
0.3335

 103.8050, 0.3653,
0.3331

 29.7674, 0.3930,
0.3336


132.6405, 0.3611,
0.3329

 19.6621, 0.4051,
0.3335

166.3752, 0.3576,
0.3327

 12.1497, 0.4213,
0.3331

205.3935, 0.3545,
0.3326

 6.8457, 0.4443,
0.3318

250.0799, 0.3518,
0.3324

 3.3658, 0.4791,
0.3285

300.8186, 0.3494,

 1.3255, 0.5447,

0.3323

0.3240

357.9942, 0.3473,
0.3321

0.1609, 0.8248,
0.1752

0.0000, 0.0000,
0.0000

59.2941, 0.3763,
0.3334

59.2941, 0.3763,
0.3334

49.0959, 0.4088,
0.3350

71.4001, 0.3498,
0.3318

40.7004, 0.4478,
0.3364

85.4954, 0.3284,
0.3303

34.0052, 0.4923,
0.3373

99.9966, 0.3127,
0.3290

28.8942, 0.5394,
0.3375

■ 25.2368, 0.5835,
0.3366

■ 22.8814, 0.6173,
0.3346

■ 21.6396, 0.6361,
0.3322

■ 21.5670, 0.6374,
0.3321

Harmonies

Analogous

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



59.2941, 0.3508, 0.3052



59.2941, 0.3763, 0.3334



59.2941, 0.3835, 0.3621

Triad

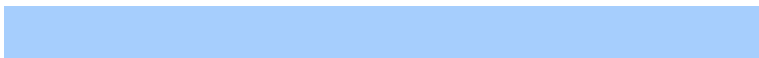
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.2941, 0.3763, 0.3334



59.2941, 0.3068, 0.3817



59.2941, 0.2566, 0.2738

Complementary

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



59.2941, 0.3763, 0.3334



86.0104, 0.2701, 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.



59.2941, 0.2466, 0.2902



59.2941, 0.3763, 0.3334



59.2941, 0.2744, 0.3537

Square

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



59.2941, 0.3763, 0.3334



59.2941, 0.3421, 0.3928



59.2941, 0.2528, 0.3192



59.2941, 0.2812, 0.2718

Rectangle

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



59.2941, 0.3763, 0.3334



59.2941, 0.3769, 0.3782



59.2941, 0.2528, 0.3192



59.2941, 0.2515, 0.2777

Sweetspot

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



59.2969, 0.3763, 0.3334



85.5357, 0.3283, 0.3303



61.2841, 0.3189, 0.2598



17.8418, 0.3312, 0.3305



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.



59.2969, 0.3763, 0.3334



52.9800, 0.3950, 0.3344



76.6688, 0.3656, 0.3707



18.1454, 0.3293, 0.3304



11.3346, 0.6363, 0.3330



1.1569, 0.6275, 0.3399

Inverse Universe

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



86.0104, 0.2701, 0.3245



83.7627, 0.2625, 0.3235



65.2806, 0.2656, 0.2833



20.3022, 0.2980, 0.3277



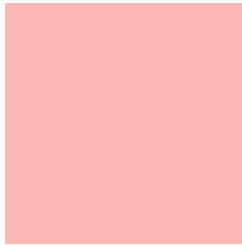
36.7598, 0.2200, 0.3119



3.6288, 0.2206, 0.3140

Previews

White Background



This preview shows how the Yxy color 59.2941, 0.3763, 0.3334 looks on a white background.

Color Contrast Check

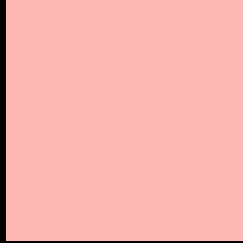
Large Text (above 18pt) WCAG AA × Fail

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 59.2941, 0.3763, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

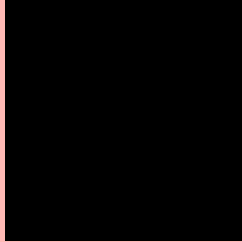
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.2941, 0.3763, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 59.2941, 0.3763, 0.3334.



This preview shows how white text looks on a background with the Yxy color 59.2941, 0.3763, 0.3334.

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

59.2941, 0.3763, 0.3334

Protanopia

59.5141, 0.3270, 0.3431

Deuteranopia

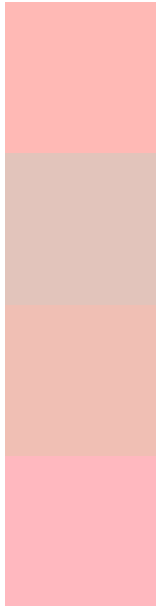
59.2738, 0.3549, 0.3471



Tritanopia

59.1582, 0.3629, 0.3146

Trichromacy



Original Color

59.2941, 0.3763, 0.3334

Protanomaly

59.2365, 0.3441, 0.3393

Deuteranomaly

59.0822, 0.3627, 0.3412

Tritanomaly

59.3026, 0.3679, 0.3219

Monochromacy



Original Color

59.2941, 0.3763, 0.3334

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 59.2941, 0.3763, 0.3334 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 181) }
```

Border

The CSS property to change the border of an element to Yxy 59.2941, 0.3763, 0.3334 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, 181) }
```

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

```
.border{ border-color:rgb(255, 185, 181) }
```

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, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2941, 0.3763, 0.3334 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, 181) }
```

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

```
.background{ background-color: rgb(255,  
185, 181) }
```

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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