

Converting Colors

$Yxy(64.2987, 0.3929, 0.3374)$

Have a look what the booklet for
Yxy(64.2987, 0.3929, 0.3374)
contains.

Yxy(60.5217, 0.3763, 0.3376)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.5217, 0.3763, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCB4
RGB	255, 188, 180
RGB Percent	100%, 74%, 71%
CMY	0.0000, 0.2627, 0.2942
CMYK	0.00, 0.26, 0.29, 0.00
HSL	6°, 100%, 85%
HSV	6°, 29%, 100%
XYZ	67.4595, 60.5217, 51.2893
YIQ	207.1210, 42.5000, 11.7160

Conversions

Conversions Part 2

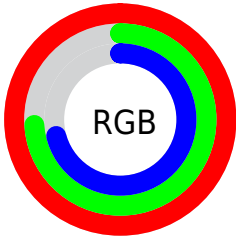
Format	Color
R _Y B	255, 189, 180
Decimal	16759988
CIE Lab	82.12, 23.07, 13.56
CIE LCh	82, 26.758, 30.446
Yxy	60.5217, 0.3763, 0.3376
Android (android.graphics.Color)	4294950068 (0xFFFFBCB4)
YUV	207.1210, -13.3707, 41.9899
Hunter-Lab	77.7957, 18.6414, 15.3682

Details

The Yxy color **60.5217, 0.3763, 0.3376** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.4173, 0.2691, 0.3202**, and the grayscale version is **62.5463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0175, 0.3248, 0.3368**, and **30.4528, 0.3935, 0.3386** is the 20% darker color. If you saturate the color by 10%, you get **50.6059, 0.4080, 0.3406**, and if you desaturate by 10%, it is **72.1679, 0.3502, 0.3345**.

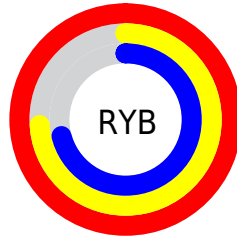
Distribution



Red (100%)

Green (74%)

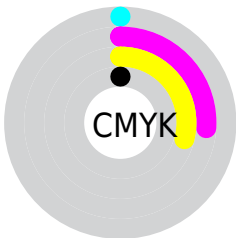
Blue (71%)



Red (100%)

Yellow (74%)

Blue (71%)

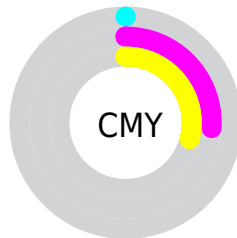


Cyan (0%)

Magenta (26%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5217, 0.3763, 0.3376 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 60.5217, 0.3763, 0.3376 by changing the saturation by 10% instead.


 60.5217, 0.3763,
0.3376

 60.5217, 0.3763,
0.3376


426.5181, 0.3456,
0.3342

 43.8393, 0.3836,
0.3382


 105.5861, 0.3654,
0.3366

 30.5442, 0.3929,
0.3388


134.7368, 0.3612,
0.3361

 20.2520, 0.4048,
0.3394


168.8125, 0.3577,
0.3357

 12.5784, 0.4208,
0.3399

208.1974, 0.3546,
0.3354

 7.1389, 0.4433,
0.3399

253.2761, 0.3519,
0.3351

 3.5491, 0.4772,
0.3385

304.4328, 0.3495,

 1.4247, 0.5410,

0.3348

0.3375

362.0520, 0.3474,
0.3345

0.2348, 0.7701,
0.2299

0.0000, 0.0000,
0.0000

60.5217, 0.3763,
0.3376

60.5217, 0.3763,
0.3376

50.6059, 0.4080,
0.3406

72.1679, 0.3502,
0.3345

42.3311, 0.4456,
0.3433

85.6142, 0.3290,
0.3316

35.6108, 0.4884,
0.3451

100.0000, 0.3127,
0.3290

30.3473, 0.5339,
0.3456

■ 26.4323, 0.5770,
0.3440

■ 23.7418, 0.6113,
0.3404

■ 22.1241, 0.6323,
0.3356

■ 22.0587, 0.6332,
0.3354

Harmonies

Analogous

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



60.5217, 0.3540, 0.3099



60.5217, 0.3763, 0.3376



60.5217, 0.3803, 0.3649

Triad

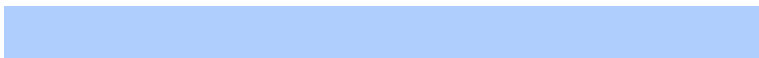
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.5217, 0.3763, 0.3376



60.5217, 0.3020, 0.3766



60.5217, 0.2613, 0.2745

Complementary

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



60.5217, 0.3763, 0.3376



83.4173, 0.2691, 0.3202

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.



60.5217, 0.2493, 0.2884



60.5217, 0.3763, 0.3376



60.5217, 0.2718, 0.3479

Square

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



60.5217, 0.3763, 0.3376



60.5217, 0.3363, 0.3901



60.5217, 0.2530, 0.3149



60.5217, 0.2868, 0.2745

Rectangle

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



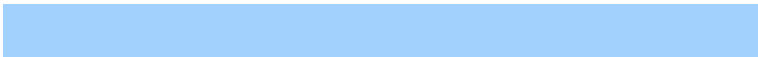
60.5217, 0.3763, 0.3376



60.5217, 0.3721, 0.3794



60.5217, 0.2530, 0.3149



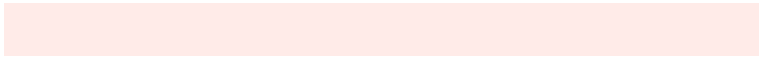
60.5217, 0.2556, 0.2776

Sweetspot

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



60.5240, 0.3763, 0.3376



86.2249, 0.3282, 0.3315



60.6363, 0.3218, 0.2622



18.0099, 0.3310, 0.3319



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.



60.5240, 0.3763, 0.3376



54.7857, 0.3932, 0.3393



78.3978, 0.3654, 0.3750



18.3001, 0.3292, 0.3316



11.6266, 0.6316, 0.3367



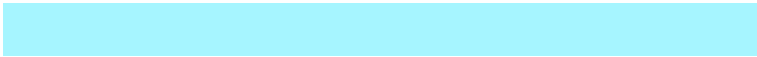
1.2299, 0.6162, 0.3489

Inverse Universe

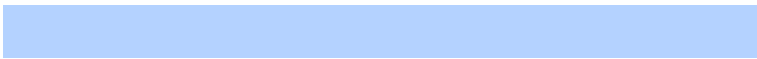
The Inverse Universe completely reimagines the original color for something new.



83.4173, 0.2691, 0.3202



80.8699, 0.2618, 0.3183



63.0037, 0.2645, 0.2781



20.1293, 0.2980, 0.3264



32.8075, 0.2152, 0.2949



3.2856, 0.2164, 0.2991

Previews

White Background



This preview shows how the Yxy color 60.5217, 0.3763, 0.3376 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 60.5217, 0.3763, 0.3376 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 60.5217, 0.3763, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 60.5217, 0.3763, 0.3376.



This preview shows how white text looks on a background with the Yxy color 60.5217, 0.3763, 0.3376.

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

60.5217, 0.3763, 0.3376

Protanopia

60.8136, 0.3306, 0.3477

Deuteranopia

60.6393, 0.3577, 0.3502



Tritanopia

60.5479, 0.3597, 0.3146

Trichromacy



Original Color

60.5217, 0.3763, 0.3376

Protanomaly

60.3849, 0.3469, 0.3437

Deuteranomaly

60.7155, 0.3644, 0.3455

Tritanomaly

60.6509, 0.3654, 0.3229

Monochromacy



Original Color

60.5217, 0.3763, 0.3376

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.1871, 0.3340, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5217, 0.3763, 0.3376 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, 188, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 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, 188, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 180) }
```

Border

The CSS property to change the border of an element to Yxy 60.5217, 0.3763, 0.3376 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, 188, 180) }
```

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

```
.border{ border-color:rgb(255, 188, 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, 188, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5217, 0.3763, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 180) }
```

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

```
.background{ background-color: rgb(255,  
188, 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](#).

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