

Converting Colors

$Y_{xy}(73.2218, 0.4129, 0.3411)$

Have a look what the booklet for
Yxy(73.2218, 0.4129, 0.3411)
contains.

Yxy(63.1389, 0.3745, 0.3438)	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(63.1389, 0.3745, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2B4
RGB	255, 194, 180
RGB Percent	100%, 76%, 71%
CMY	0.0000, 0.2392, 0.2942
CMYK	0.00, 0.24, 0.29, 0.00
HSL	11°, 100%, 85%
HSV	11°, 29%, 100%
XYZ	68.7770, 63.1389, 51.7342
YIQ	210.6430, 40.8500, 8.5780

Conversions

Conversions Part 2

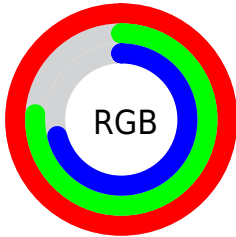
Format	Color
R _Y B	255, 197, 180
Decimal	16761524
CIE Lab	83.52, 19.94, 15.51
CIE LCh	84, 25.267, 37.881
Yxy	63.1389, 0.3745, 0.3438
Android (android.graphics.Color)	4294951604 (0xFFFFC2B4)
YUV	210.6430, -15.1070, 38.9011
Hunter-Lab	79.4600, 15.4465, 17.0199

Details

The Yxy color **63.1389, 0.3745, 0.3438** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.8273, 0.2684, 0.3136**, and the grayscale version is **64.9709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3105, 0.3242, 0.3435**, and **32.1588, 0.3906, 0.3467** is the 20% darker color. If you saturate the color by 10%, you get **53.5952, 0.4044, 0.3490**, and if you desaturate by 10%, it is **74.1564, 0.3495, 0.3385**.

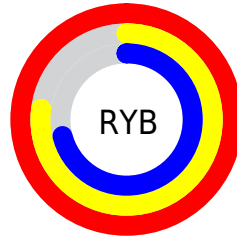
Distribution



Red (100%)

Green (76%)

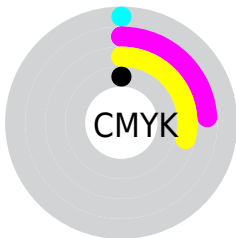
Blue (71%)



Red (100%)

Yellow (77%)

Blue (71%)

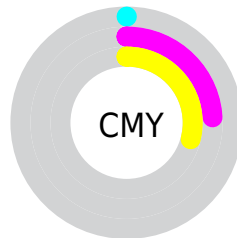


Cyan (0%)

Magenta (24%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.1389, 0.3745, 0.3438 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 63.1389, 0.3745, 0.3438 by changing the saturation by 10% instead.


 63.1389, 0.3745,
0.3438

 63.1389, 0.3745,
0.3438


436.0734, 0.3449,
0.3375

 45.9536, 0.3815,
0.3451


 109.3699, 0.3640,
0.3417

 32.2092, 0.3903,
0.3465


139.1843, 0.3600,
0.3409

 21.5213, 0.4016,
0.3482


173.9773, 0.3566,
0.3402

 13.5056, 0.4166,
0.3502

214.1331, 0.3536,
0.3395

 7.7776, 0.4377,
0.3522

260.0363, 0.3510,
0.3389

 3.9530, 0.4688,
0.3538

312.0711, 0.3487,

 1.6473, 0.5251,

0.3384

0.3569

370.6220, 0.3467,
0.3379

0.3892, 0.6877,
0.3123

0.0000, 0.0000,
0.0000

63.1389, 0.3745,
0.3438

63.1389, 0.3745,
0.3438

53.5952, 0.4044,
0.3490

74.1564, 0.3495,
0.3385

45.4700, 0.4396,
0.3537

86.7156, 0.3288,
0.3335

38.6923, 0.4795,
0.3572

100.0000, 0.3127,
0.3290

33.1882, 0.5219,
0.3586

■ 28.8763, 0.5630,
0.3569

■ 25.6654, 0.5976,
0.3518

■ 23.4456, 0.6215,
0.3442

■ 23.3430, 0.6227,
0.3438

Harmonies

Analogous

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



63.1389, 0.3576, 0.3174



63.1389, 0.3745, 0.3438



63.1389, 0.3737, 0.3681

Triad

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



63.1389, 0.3745, 0.3438



63.1389, 0.2952, 0.3675



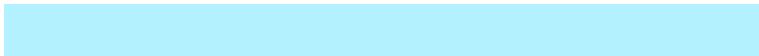
63.1389, 0.2696, 0.2769

Complementary

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



63.1389, 0.3745, 0.3438



79.8273, 0.2684, 0.3136

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.



63.1389, 0.2549, 0.2868



63.1389, 0.3745, 0.3438



63.1389, 0.2690, 0.3390

Square

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



63.1389, 0.3745, 0.3438



63.1389, 0.3270, 0.3842



63.1389, 0.2547, 0.3091



63.1389, 0.2960, 0.2800

Rectangle

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



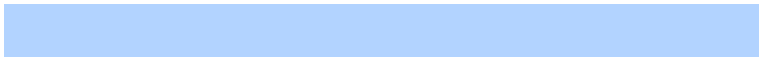
63.1389, 0.3745, 0.3438



63.1389, 0.3635, 0.3799



63.1389, 0.2547, 0.3091



63.1389, 0.2632, 0.2787

Sweetspot

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



63.1362, 0.3745, 0.3438



87.2735, 0.3280, 0.3333



60.2628, 0.3267, 0.2679



18.2660, 0.3308, 0.3340



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.



63.1362, 0.3745, 0.3438



57.6310, 0.3906, 0.3467



81.8443, 0.3637, 0.3810



18.5357, 0.3290, 0.3335



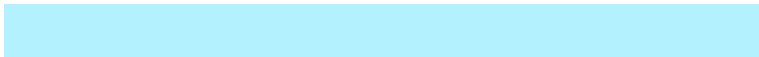
12.3534, 0.6203, 0.3456



1.3423, 0.6003, 0.3616

Inverse Universe

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



79.8273, 0.2684, 0.3136



76.6431, 0.2607, 0.3102



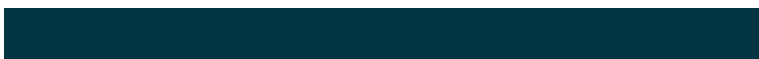
59.9844, 0.2637, 0.2708



19.8707, 0.2980, 0.3245



27.3937, 0.2078, 0.2679



2.8095, 0.2099, 0.2757

Previews

White Background



This preview shows how the Yxy color 63.1389, 0.3745, 0.3438 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 63.1389, 0.3745, 0.3438 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 63.1389, 0.3745, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 63.1389, 0.3745, 0.3438.



This preview shows how white text looks on a background with the Yxy color 63.1389, 0.3745, 0.3438.

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

63.1389, 0.3745, 0.3438

Protanopia

63.4513, 0.3347, 0.3531

Deuteranopia

63.3787, 0.3601, 0.3531



Tritanopia

62.9294, 0.3545, 0.3147

Trichromacy



Original Color

63.1389, 0.3745, 0.3438

Protanomaly

63.1615, 0.3491, 0.3502

Deuteranomaly

63.0553, 0.3658, 0.3496

Tritanomaly

62.9448, 0.3617, 0.3250

Monochromacy



Original Color

63.1389, 0.3745, 0.3438

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.1637, 0.3334, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1389, 0.3745, 0.3438 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, 194, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 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, 194, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 180) }
```

Border

The CSS property to change the border of an element to Yxy 63.1389, 0.3745, 0.3438 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, 194, 180) }
```

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

```
.border{ border-color:rgb(255, 194, 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, 194, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 194, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 194, 180); box-shadow:4px 4px 4px 4px rgb(255, 194, 180) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1389, 0.3745, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 180) }
```

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

```
.background{ background-color: rgb(255,  
194, 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