

Converting Colors

$Yxy(93.5516, 0.4616, 0.3392)$

Have a look what the booklet for
Yxy(93.5516, 0.4616, 0.3392)
contains.

Yxy(63.6264, 0.3733, 0.3438)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.6264, 0.3733, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	FFC3B5
RGB	255, 195, 181
RGB Percent	100%, 76%, 71%
CMY	0.0001, 0.2352, 0.2902
CMYK	0.00, 0.24, 0.29, 0.00
HSL	11°, 100%, 85%
HSV	11°, 29%, 100%
XYZ	69.0859, 63.6264, 52.3558
YIQ	211.3440, 40.2540, 8.3660

Conversions

Conversions Part 2

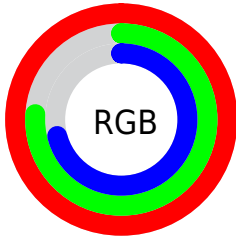
Format	Color
R _Y B	255, 198, 181
Decimal	16761781
CIE Lab	83.77, 19.51, 15.33
CIE LCh	84, 24.816, 38.159
Yxy	63.6264, 0.3733, 0.3438
Android (android.graphics.Color)	4294951861 (0xFFFFC3B5)
YUV	211.3440, -14.9596, 38.2863
Hunter-Lab	79.7662, 15.0091, 16.9204

Details

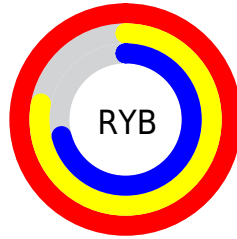
The Yxy color **63.6264, 0.3733, 0.3438** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.9195, 0.2689, 0.3136**, and the grayscale version is **65.4621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9952, 0.3235, 0.3435**, and **32.4786, 0.3890, 0.3466** is the 20% darker color. If you saturate the color by 10%, you get **54.0475, 0.4030, 0.3491**, and if you desaturate by 10%, it is **74.6842, 0.3485, 0.3385**.

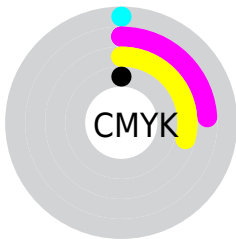
Distribution



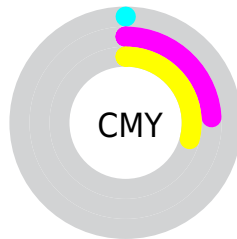
- Red (100%)
- Green (76%)
- Blue (71%)



- Red (100%)
- Yellow (78%)
- 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 63.6264, 0.3733, 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 63.6264, 0.3733, 0.3438 by changing the saturation by 10% instead.


 63.6264, 0.3733,
0.3438

 63.6264, 0.3733,
0.3438


437.8393, 0.3443,
0.3375

 46.3481, 0.3802,
0.3451


 110.0727, 0.3630,
0.3417

 32.5206, 0.3887,
0.3466


140.0096, 0.3591,
0.3409

 21.7595, 0.3998,
0.3483


174.9347, 0.3558,
0.3402

 13.6803, 0.4145,
0.3503

215.2326, 0.3528,
0.3395

 7.8986, 0.4350,
0.3524

261.2876, 0.3503,
0.3389

 4.0302, 0.4652,
0.3542


313.4841, 0.3481,

 1.6904, 0.5188,


0.3384


0.3570

372.2066, 0.3461,
0.3379


 0.4175, 0.6766,
0.3234

 0.0000, 0.0000,
0.0000


 63.6264, 0.3733,
0.3438


 63.6264, 0.3733,
0.3438

 54.0475, 0.4030,
0.3491

 74.6842, 0.3485,
0.3385

 45.8757, 0.4379,
0.3539

 87.2709, 0.3280,
0.3333

 39.0468, 0.4775,
0.3575

99.9933, 0.3127,
0.3290

 33.4877, 0.5197,
0.3590

■ 29.1183, 0.5609,
0.3575

■ 25.8489, 0.5959,
0.3525

■ 23.5724, 0.6202,
0.3448

■ 23.3943, 0.6222,
0.3441

Harmonies

Analogous

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



63.6264, 0.3569, 0.3179



63.6264, 0.3733, 0.3438



63.6264, 0.3724, 0.3676

Triad

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



63.6264, 0.3733, 0.3438



63.6264, 0.2953, 0.3665



63.6264, 0.2706, 0.2778

Complementary

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



63.6264, 0.3733, 0.3438



79.9195, 0.2689, 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.



63.6264, 0.2561, 0.2875



63.6264, 0.3733, 0.3438



63.6264, 0.2697, 0.3385

Square

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



63.6264, 0.3733, 0.3438



63.6264, 0.3264, 0.3830



63.6264, 0.2557, 0.3093



63.6264, 0.2967, 0.2810

Rectangle

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



63.6264, 0.3733, 0.3438



63.6264, 0.3623, 0.3790



63.6264, 0.2557, 0.3093



63.6264, 0.2643, 0.2796

Sweetspot

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



63.6294, 0.3733, 0.3438



87.3107, 0.3280, 0.3333



60.6766, 0.3264, 0.2688



18.2751, 0.3308, 0.3341



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.



63.6294, 0.3733, 0.3438



57.7341, 0.3905, 0.3470



82.0459, 0.3629, 0.3803



18.5441, 0.3290, 0.3336



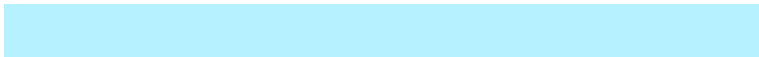
12.3859, 0.6199, 0.3460



1.3466, 0.5997, 0.3620

Inverse Universe

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



79.9195, 0.2689, 0.3136



76.4969, 0.2606, 0.3100



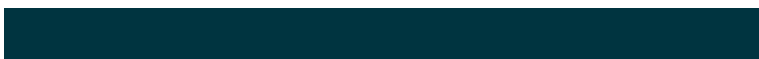
60.4287, 0.2644, 0.2718



19.8616, 0.2980, 0.3244



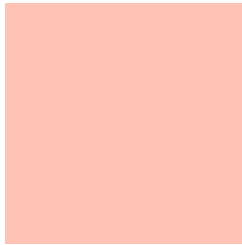
27.2145, 0.2075, 0.2670



2.7936, 0.2097, 0.2748

Previews

White Background



This preview shows how the Yxy color 63.6264, 0.3733, 0.3438 looks on a white background.

Color Contrast Check

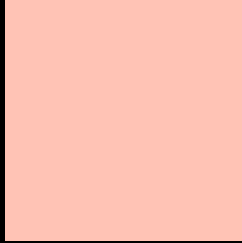
Large Text (above 18pt) WCAG AA × Fail

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 63.6264, 0.3733, 0.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

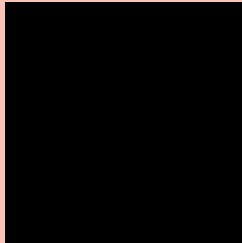
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.6264, 0.3733, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 63.6264, 0.3733, 0.3438.



This preview shows how white text looks on a background with the Yxy color 63.6264, 0.3733, 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

63.6264, 0.3733, 0.3438

Protanopia

63.6480, 0.3348, 0.3519

Deuteranopia

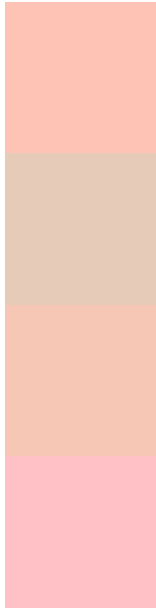
63.5938, 0.3601, 0.3520



Tritanopia

63.4155, 0.3535, 0.3147

Trichromacy



Original Color

63.6264, 0.3733, 0.3438

Protanomaly

63.2036, 0.3484, 0.3491

Deuteranomaly

63.5546, 0.3647, 0.3495

Tritanomaly

63.4311, 0.3606, 0.3250

Monochromacy



Original Color

63.6264, 0.3733, 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 63.6264, 0.3733, 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, 195, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 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, 195, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 181) }
```

Border

The CSS property to change the border of an element to Yxy 63.6264, 0.3733, 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, 195, 181) }
```

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

```
.border{ border-color:rgb(255, 195, 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, 195, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6264, 0.3733, 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, 195, 181) }
```

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

```
.background{ background-color: rgb(255,  
195, 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](#).

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