

Converting Colors

$Yxy(69.6153, 0.3832, 0.3541)$

Have a look what the booklet for
Yxy(69.6153, 0.3832, 0.3541)
contains.

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Color

Yxy(67.1862, 0.3734, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	FFCBB2
RGB	255, 203, 178
RGB Percent	100%, 80%, 70%
CMY	0.0000, 0.2040, 0.3019
CMYK	0.00, 0.20, 0.30, 0.00
HSL	19°, 100%, 85%
HSV	19°, 30%, 100%
XYZ	70.6486, 67.1862, 51.3688
YIQ	215.6980, 39.0170, 3.2490

Conversions

Conversions Part 2

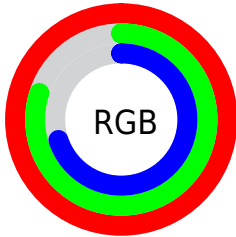
Format	Color
R _Y B	255, 215, 178
Decimal	16763826
CIE Lab	85.60, 15.00, 19.47
CIE LCh	86, 24.582, 52.390
Yxy	67.1862, 0.3734, 0.3551
Android (android.graphics.Color)	4294953906 (0xFFFFCBB2)
YUV	215.6980, -18.5851, 34.4679
Hunter-Lab	81.9672, 10.4090, 20.2200

Details

The Yxy color **67.1862, 0.3734, 0.3551** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.2957, 0.2659, 0.3012**, and the grayscale version is **68.5543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **34.8459, 0.3884, 0.3612** is the 20% darker color. If you saturate the color by 10%, you get **58.5575, 0.4007, 0.3641**, and if you desaturate by 10%, it is **76.8934, 0.3498, 0.3461**.

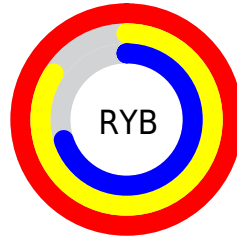
Distribution



Red (100%)

Green (80%)

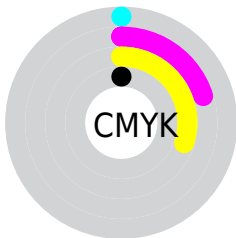
Blue (70%)



Red (100%)

Yellow (84%)

Blue (70%)

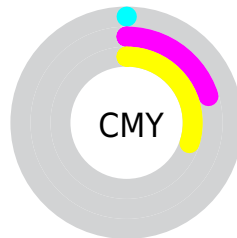


Cyan (0%)

Magenta (20%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.1862, 0.3734, 0.3551 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 67.1862, 0.3734, 0.3551 by changing the saturation by 10% instead.


 67.1862, 0.3734,
0.3551

 67.1862, 0.3734,
0.3551


450.6073, 0.3447,
0.3436

 49.2360, 0.3801,
0.3576


 115.1872, 0.3633,
0.3512

 34.8067, 0.3884,
0.3605


146.0067, 0.3594,
0.3497

 23.5140, 0.3990,
0.3641


181.8848, 0.3561,
0.3483

 14.9735, 0.4130,
0.3685

223.2058, 0.3532,
0.3472

 8.8008, 0.4322,
0.3738

270.3542, 0.3507,
0.3461

 4.6115, 0.4598,
0.3802

323.7143, 0.3484,

 2.0212, 0.5086,

0.3452

0.3911

383.6705, 0.3465,
0.3443

0.6197, 0.6078,
0.3922

0.0000, 0.0000,
0.0000

67.1862, 0.3734,
0.3551

67.1862, 0.3734,
0.3551

58.5575, 0.4007,
0.3641

76.8934, 0.3498,
0.3461

50.9916, 0.4320,
0.3723

87.7413, 0.3299,
0.3374

44.4378, 0.4666,
0.3788

99.7577, 0.3130,
0.3292

38.8502, 0.5029,
0.3825

100.0000, 0.3127,
0.3290

■ 34.1792, 0.5383,
0.3820

■ 30.3694, 0.5695,
0.3765

■ 27.4021, 0.5935,
0.3670

Harmonies

Analogous

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



67.1862, 0.3651, 0.3301



67.1862, 0.3734, 0.3551



67.1862, 0.3644, 0.3750

Triad

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



67.1862, 0.3734, 0.3551



67.1862, 0.2829, 0.3534



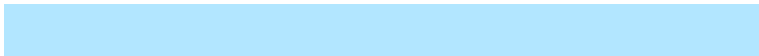
67.1862, 0.2827, 0.2791

Complementary

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



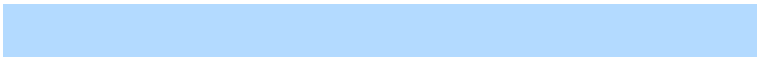
67.1862, 0.3734, 0.3551



73.2957, 0.2659, 0.3012

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.



67.1862, 0.2626, 0.2826



67.1862, 0.3734, 0.3551



67.1862, 0.2627, 0.3244

Square

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



67.1862, 0.3734, 0.3551



67.1862, 0.3116, 0.3757



67.1862, 0.2556, 0.2985



67.1862, 0.3115, 0.2877

Rectangle

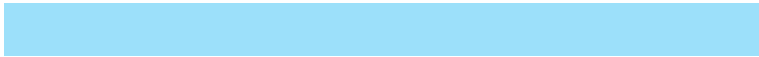
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.1862, 0.3734, 0.3551



67.1862, 0.3503, 0.3822



67.1862, 0.2556, 0.2985



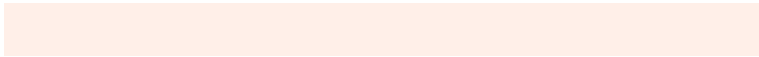
67.1862, 0.2747, 0.2789

Sweetspot

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



67.1781, 0.3733, 0.3551



89.1116, 0.3277, 0.3363



58.8530, 0.3354, 0.2759



18.7160, 0.3304, 0.3376



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.



67.1781, 0.3733, 0.3551



62.0405, 0.3888, 0.3604



87.3175, 0.3623, 0.3920



18.9490, 0.3286, 0.3368



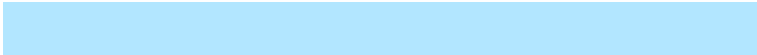
14.5575, 0.5905, 0.3693



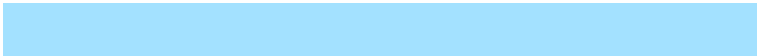
1.6062, 0.5685, 0.3868

Inverse Universe

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



73.2957, 0.2659, 0.3012



68.9997, 0.2573, 0.2950



54.4405, 0.2609, 0.2569



19.4298, 0.2980, 0.3211



19.5307, 0.1942, 0.2191



2.1004, 0.1981, 0.2331

Previews

White Background



This preview shows how the Yxy color 67.1862, 0.3734, 0.3551 looks on a white background.

Color Contrast Check

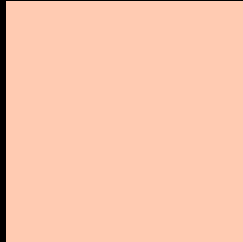
Large Text (above 18pt) WCAG AA × Fail

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 67.1862, 0.3734, 0.3551 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 67.1862, 0.3734, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 67.1862, 0.3734, 0.3551.



This preview shows how white text looks on a background with the Yxy color 67.1862, 0.3734, 0.3551.

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

67.1862, 0.3734, 0.3551

Protanopia

67.5196, 0.3428, 0.3637

Deuteranopia

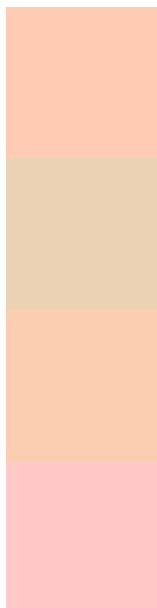
67.2734, 0.3676, 0.3598



Tritanopia

67.3726, 0.3464, 0.3158

Trichromacy



Original Color

67.1862, 0.3734, 0.3551

Protanomaly

67.2622, 0.3538, 0.3607

Deuteranomaly

67.3462, 0.3703, 0.3586

Tritanomaly

67.2034, 0.3564, 0.3302

Monochromacy



Original Color

67.1862, 0.3734, 0.3551

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.6758, 0.3335, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1862, 0.3734, 0.3551 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, 203, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 178)  
}
```

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, 203, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 178) }
```

Border

The CSS property to change the border of an element to Yxy 67.1862, 0.3734, 0.3551 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, 203, 178) }
```

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

```
.border{ border-color:rgb(255, 203, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1862, 0.3734, 0.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 178) }
```

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

```
.background{ background-color: rgb(255,  
203, 178) }
```

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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