

Converting Colors

Yxy(63.7162, 0.3704, 0.3548)

Have a look what the booklet for
Yxy(63.7162, 0.3704, 0.3548)
contains.

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Color

Yxy(63.7162, 0.3704, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	F7C7AF
RGB	247, 199, 175
RGB Percent	97%, 78%, 69%
CMY	0.0314, 0.2196, 0.3137
CMYK	0.00, 0.19, 0.29, 0.03
HSL	20°, 82%, 83%
HSV	20°, 29%, 97%
XYZ	66.5177, 63.7162, 49.3495
YIQ	210.6160, 36.3120, 2.7120

Conversions

Conversions Part 2

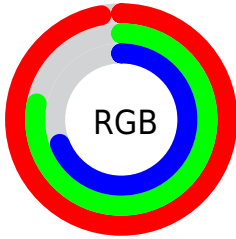
Format	Color
R_{YB}	247, 211, 175
Decimal	16238511
CIE _{Lab}	83.82, 13.67, 18.47
CIE _{LCh}	84, 22.979, 53.498
Yxy	63.7162, 0.3704, 0.3548
Android (android.graphics.Color)	4294428591 (0xFFFF7C7AF)
YUV	210.6160, -17.5587, 31.9088
Hunter-Lab	79.8224, 9.0585, 19.2202

Details

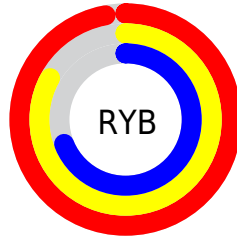
The Yxy color **63.7162, 0.3704, 0.3548** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.5978, 0.2675, 0.3016**, and the grayscale version is **64.9764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **32.6031, 0.3860, 0.3609** is the 20% darker color. If you saturate the color by 10%, you get **55.6647, 0.3971, 0.3640**, and if you desaturate by 10%, it is **72.7707, 0.3474, 0.3456**.

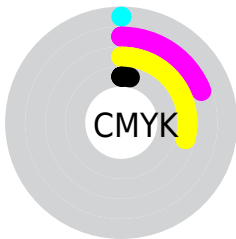
Distribution



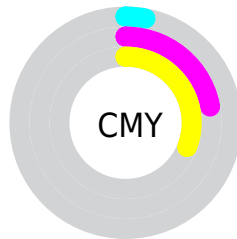
- Red (97%)
- Green (78%)
- Blue (69%)



- Red (97%)
- Yellow (83%)
- Blue (69%)



- Cyan (0%)
- Magenta (19%)
- Yellow (29%)
- Black (3%)





- Cyan (3%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.7162, 0.3704, 0.3548 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 63.7162, 0.3704, 0.3548 by changing the saturation by 10% instead.


 63.7162, 0.3704,
0.3548

 63.7162, 0.3704,
0.3548


438.1641, 0.3428,
0.3432

 46.4209, 0.3769,
0.3573


 110.2021, 0.3607,
0.3509

 32.5781, 0.3850,
0.3604


140.1615, 0.3569,
0.3493

 21.8034, 0.3954,
0.3641


175.1110, 0.3537,
0.3480

 13.7125, 0.4092,
0.3687

215.4350, 0.3510,
0.3468

 7.9210, 0.4283,
0.3745

261.5179, 0.3486,
0.3457

 4.0444, 0.4563,
0.3815

313.7441, 0.3464,

 1.6984, 0.5133,

0.3448

0.3988

372.4980, 0.3445,
0.3440

0.4227, 0.6350,
0.3650

0.0000, 0.0000,
0.0000

63.7162, 0.3704,
0.3548

63.7162, 0.3704,
0.3548

55.6647, 0.3971,
0.3640

72.7707, 0.3474,
0.3456

48.5717, 0.4276,
0.3726

82.8532, 0.3279,
0.3367

42.4023, 0.4615,
0.3796

93.9986, 0.3114,
0.3283

37.1157, 0.4972,
0.3838

98.5133, 0.3078,
0.3290

■ 32.6679, 0.5324,
0.3840

■ 29.0100, 0.5639,
0.3793

■ 26.0824, 0.5889,
0.3699

■ 25.8630, 0.5908,
0.3691

Harmonies

Analogous

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



63.7162, 0.3631, 0.3310



63.7162, 0.3704, 0.3548



63.7162, 0.3614, 0.3734

Triad

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



63.7162, 0.3704, 0.3548



63.7162, 0.2834, 0.3512



63.7162, 0.2850, 0.2815

Complementary

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



63.7162, 0.3704, 0.3548



68.5978, 0.2675, 0.3016

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.



63.7162, 0.2655, 0.2845



63.7162, 0.3704, 0.3548



63.7162, 0.2646, 0.3237

Square

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



63.7162, 0.3704, 0.3548



63.7162, 0.3106, 0.3728



63.7162, 0.2582, 0.2993



63.7162, 0.3127, 0.2901

Rectangle

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



63.7162, 0.3704, 0.3548



63.7162, 0.3477, 0.3798



63.7162, 0.2582, 0.2993



63.7162, 0.2773, 0.2811

Sweetspot

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



63.7192, 0.3704, 0.3548



89.2345, 0.3277, 0.3365



55.7610, 0.3353, 0.2791



18.7462, 0.3303, 0.3378



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.



63.7192, 0.3704, 0.3548



63.2640, 0.3857, 0.3603



82.2829, 0.3601, 0.3908



17.3853, 0.3285, 0.3370



13.9113, 0.5878, 0.3715



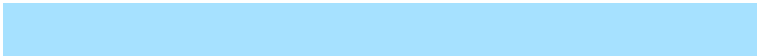
1.4040, 0.5636, 0.3907

Inverse Universe

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



68.5978, 0.2675, 0.3016



69.2793, 0.2586, 0.2951



51.3697, 0.2628, 0.2584



17.7723, 0.2980, 0.3209



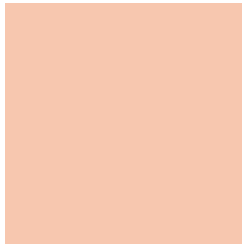
17.9858, 0.1934, 0.2161



1.7693, 0.1978, 0.2319

Previews

White Background



This preview shows how the Yxy color 63.7162, 0.3704, 0.3548 looks on a white background.

Color Contrast Check

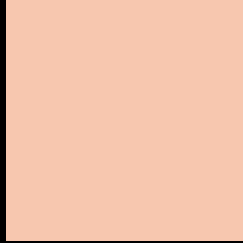
Large Text (above 18pt) WCAG AA × Fail

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 63.7162, 0.3704, 0.3548 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 63.7162, 0.3704, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 63.7162, 0.3704, 0.3548.



This preview shows how white text looks on a background with the Yxy color 63.7162, 0.3704, 0.3548.

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

63.7162, 0.3704, 0.3548

Protanopia

64.1119, 0.3421, 0.3622

Deuteranopia

63.7457, 0.3657, 0.3573



Tritanopia

63.6963, 0.3474, 0.3135

Trichromacy



Original Color

63.7162, 0.3704, 0.3548

Protanomaly

63.7000, 0.3525, 0.3592

Deuteranomaly

63.6368, 0.3676, 0.3561

Tritanomaly

63.8351, 0.3559, 0.3281

Monochromacy



Original Color

63.7162, 0.3704, 0.3548

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.5502, 0.3323, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7162, 0.3704, 0.3548 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(247, 199, 175)` looks like.

```
.text, #text, p{  
    color:rgb(247, 199, 175)  
}
```

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(247, 199, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 199, 175) }
```

Border

The CSS property to change the border of an element to Yxy 63.7162, 0.3704, 0.3548 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(247, 199, 175) }
```

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

```
.border{ border-color:rgb(247, 199, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 199, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 199, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 199, 175);  
box-shadow:4px 4px 4px 4px rgb(247, 199,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7162, 0.3704, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 199, 175) }
```

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

```
.background{ background-color: rgb(247,  
199, 175) }
```

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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