

Converting Colors

Yxy(58.4518, 0.3704, 0.3408)

Have a look what the booklet for
Yxy(58.4518, 0.3704, 0.3408)
contains.

Yxy(58.5532, 0.3703, 0.3411)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.5532, 0.3703, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	F5BCB1
RGB	245, 188, 177
RGB Percent	96%, 74%, 69%
CMY	0.0393, 0.2627, 0.3059
CMYK	0.00, 0.23, 0.28, 0.04
HSL	10°, 77%, 83%
HSV	10°, 28%, 96%
XYZ	63.5657, 58.5532, 49.5411
YIQ	203.7890, 37.5030, 8.6630

Conversions

Conversions Part 2

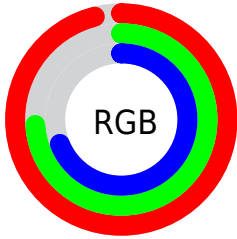
Format	Color
R _Y B	245, 190, 177
Decimal	16104625
CIE Lab	81.05, 18.95, 13.49
CIE LCh	81, 23.265, 35.448
Yxy	58.5532, 0.3703, 0.3411
Android (android.graphics.Color)	4294294705 (0xFFF5BCB1)
YUV	203.7890, -13.2070, 36.1420
Hunter-Lab	76.5201, 14.3709, 15.1782

Details

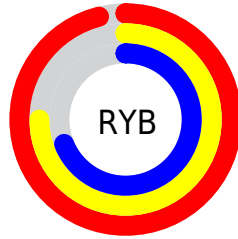
The Yxy color **58.5532, 0.3703, 0.3411** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.7460, 0.2710, 0.3165**, and the grayscale version is **60.3106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8446, 0.3267, 0.3398**, and **29.4745, 0.3863, 0.3446** is the 20% darker color. If you saturate the color by 10%, you get **49.5105, 0.3998, 0.3457**, and if you desaturate by 10%, it is **69.0234, 0.3458, 0.3365**.

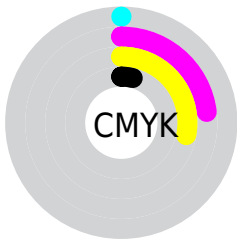
Distribution



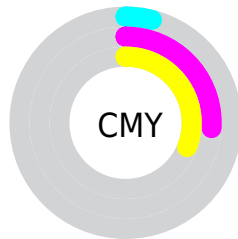
- Red (96%)
- Green (74%)
- Blue (69%)



- Red (96%)
- Yellow (75%)
- Blue (69%)



- Cyan (0%)
- Magenta (23%)
- Yellow (28%)
- Black (4%)





- Cyan (4%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5532, 0.3703, 0.3411 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 58.5532, 0.3703, 0.3411 by changing the saturation by 10% instead.


 58.5532, 0.3703,
0.3411

 58.5532, 0.3703,
0.3411


419.2441, 0.3423,
0.3359

 42.2536, 0.3770,
0.3422


 102.7280, 0.3603,
0.3394

 29.2999, 0.3855,
0.3434


131.3720, 0.3565,
0.3387

 19.3078, 0.3965,
0.3448


164.8995, 0.3533,
0.3381

 11.8929, 0.4114,
0.3464

203.6949, 0.3505,
0.3376

 6.6708, 0.4325,
0.3480

248.1427, 0.3481,
0.3371

 3.2571, 0.4645,
0.3490

298.6273, 0.3459,

 1.2674, 0.5334,

0.3367

0.3572

355.5329, 0.3440,
0.3363

0.1157, 0.8319,
0.1681

0.0000, 0.0000,
0.0000

58.5532, 0.3703,
0.3411

58.5532, 0.3703,
0.3411

49.5105, 0.3998,
0.3457

69.0234, 0.3458,
0.3365

41.8255, 0.4347,
0.3499

80.9709, 0.3258,
0.3322

35.4345, 0.4746,
0.3531

94.4531, 0.3093,
0.3281

30.2656, 0.5177,
0.3545

98.1465, 0.3066,
0.3290

■ 26.2398, 0.5602,
0.3533

■ 23.2684, 0.5965,
0.3491

■ 21.2476, 0.6218,
0.3424

■ 20.9073, 0.6262,
0.3410

Harmonies

Analogous

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



58.5532, 0.3532, 0.3161



58.5532, 0.3703, 0.3411



58.5532, 0.3710, 0.3645

Triad

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



58.5532, 0.3703, 0.3411



58.5532, 0.2986, 0.3671



58.5532, 0.2703, 0.2800

Complementary

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



58.5532, 0.3703, 0.3411



74.7460, 0.2710, 0.3165

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.



58.5532, 0.2574, 0.2905



58.5532, 0.3703, 0.3411



58.5532, 0.2731, 0.3409

Square

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



58.5532, 0.3703, 0.3411



58.5532, 0.3287, 0.3816



58.5532, 0.2584, 0.3124



58.5532, 0.2947, 0.2819

Rectangle

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



58.5532, 0.3703, 0.3411



58.5532, 0.3622, 0.3761



58.5532, 0.2584, 0.3124



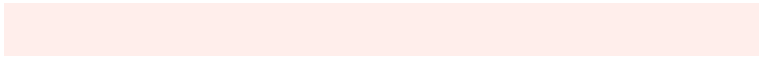
58.5532, 0.2646, 0.2821

Sweetspot

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



58.5559, 0.3703, 0.3411



88.3319, 0.3262, 0.3323



56.8321, 0.3239, 0.2694



18.4630, 0.3290, 0.3329



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.



58.5559, 0.3703, 0.3411



58.6857, 0.3853, 0.3436



74.3859, 0.3609, 0.3756



16.9167, 0.3290, 0.3329



11.3969, 0.6241, 0.3427



1.1257, 0.6027, 0.3597

Inverse Universe

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



74.7460, 0.2710, 0.3165



78.9762, 0.2637, 0.3138



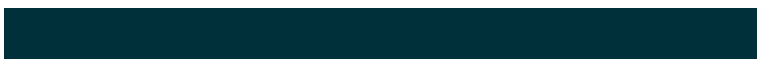
57.6085, 0.2671, 0.2775



18.2731, 0.2980, 0.3251



27.3097, 0.2101, 0.2765



2.5199, 0.2122, 0.2837

Previews

White Background



This preview shows how the Yxy color 58.5532, 0.3703, 0.3411 looks on a white background.

Color Contrast Check

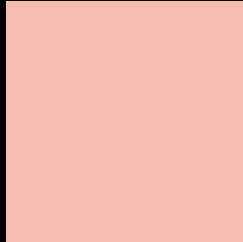
Large Text (above 18pt) WCAG AA × Fail

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 58.5532, 0.3703, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

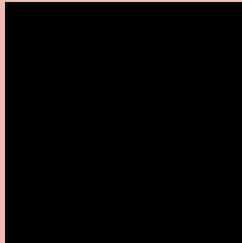
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5532, 0.3703, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 58.5532, 0.3703, 0.3411.



This preview shows how white text looks on a background with the Yxy color 58.5532, 0.3703, 0.3411.

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

58.5532, 0.3703, 0.3411

Protanopia

58.7893, 0.3316, 0.3492

Deuteranopia

58.5412, 0.3567, 0.3494



Tritanopia

58.5956, 0.3540, 0.3142

Trichromacy



Original Color

58.5532, 0.3703, 0.3411

Protanomaly

58.3456, 0.3455, 0.3463

Deuteranomaly

58.4960, 0.3615, 0.3470

Tritanomaly

58.4722, 0.3598, 0.3238

Monochromacy



Original Color

58.5532, 0.3703, 0.3411

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.3433, 0.3325, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5532, 0.3703, 0.3411 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(245, 188, 177)` looks like.

```
.text, #text, p{  
    color:rgb(245, 188, 177)  
}
```

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(245, 188, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 188, 177) }
```

Border

The CSS property to change the border of an element to Yxy 58.5532, 0.3703, 0.3411 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(245, 188, 177) }
```

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

```
.border{ border-color:rgb(245, 188, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 188, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 188, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 188, 177);  
box-shadow:4px 4px 4px 4px rgb(245, 188,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5532, 0.3703, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 188, 177) }
```

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

```
.background{ background-color: rgb(245,  
188, 177) }
```

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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