

Converting Colors

$Yxy(58.5978, 0.3706, 0.3436)$

Have a look what the booklet for
Yxy(58.5978, 0.3706, 0.3436)
contains.

Yxy(58.7234, 0.3709, 0.3444)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.7234, 0.3709, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	F4BDAF
RGB	244, 189, 175
RGB Percent	96%, 74%, 69%
CMY	0.0431, 0.2588, 0.3138
CMYK	0.00, 0.23, 0.28, 0.04
HSL	12°, 76%, 82%
HSV	12°, 28%, 96%
XYZ	63.2419, 58.7234, 48.5440
YIQ	203.8490, 37.2740, 7.3060

Conversions

Conversions Part 2

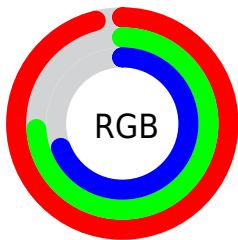
Format	Color
R_{YB}	244, 193, 175
Decimal	16039343
CIE _{Lab}	81.14, 17.80, 14.69
CIE _{LCh}	81, 23.084, 39.533
Yxy	58.7234, 0.3709, 0.3444
Android (android.graphics.Color)	4294229423 (0xFFF4BDAF)
YUV	203.8490, -14.2226, 35.2124
Hunter-Lab	76.6312, 13.2072, 16.0831

Details

The Yxy color **58.7234, 0.3709, 0.3444** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.2177, 0.2699, 0.3130**, and the grayscale version is **60.3577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3343, 0.3278, 0.3427**, and **29.6032, 0.3858, 0.3475** is the 20% darker color. If you saturate the color by 10%, you get **50.0420, 0.3998, 0.3501**, and if you desaturate by 10%, it is **68.7043, 0.3467, 0.3387**.

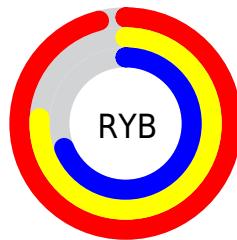
Distribution



Red (96%)

Green (74%)

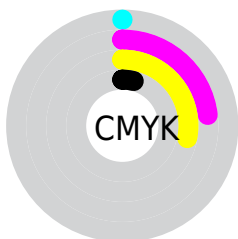
Blue (69%)



Red (96%)

Yellow (76%)

Blue (69%)

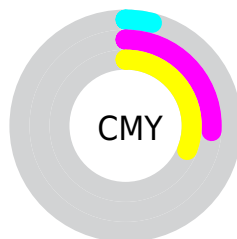


Cyan (0%)

Magenta (23%)

Yellow (28%)

Black (4%)



Cyan (4%)

Magenta (26%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7234, 0.3709, 0.3444 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 58.7234, 0.3709, 0.3444 by changing the saturation by 10% instead.


 58.7234, 0.3709,
0.3444

 58.7234, 0.3709,
0.3444


419.8761, 0.3427,
0.3377

 42.3905, 0.3777,
0.3458


 102.9755, 0.3608,
0.3422

 29.4072, 0.3862,
0.3475


131.6636, 0.3570,
0.3413

 19.3891, 0.3973,
0.3495


165.2388, 0.3537,
0.3405

 11.9517, 0.4123,
0.3518

204.0855, 0.3509,
0.3398

 6.7108, 0.4334,
0.3544

248.5883, 0.3484,
0.3392

 3.2819, 0.4654,
0.3569

299.1313, 0.3463,

 1.2806, 0.5384,

0.3386

0.3703

356.0992, 0.3444,
0.3381

0.1261, 0.8147,
0.1853

0.0000, 0.0000,
0.0000

58.7234, 0.3709,
0.3444

58.7234, 0.3709,
0.3444

50.0420, 0.3998,
0.3501

68.7043, 0.3467,
0.3387

42.5984, 0.4338,
0.3553

80.0271, 0.3267,
0.3332

36.3379, 0.4724,
0.3594

92.7421, 0.3101,
0.3282

31.1985, 0.5139,
0.3613

97.9735, 0.3060,
0.3290

■ 27.1121, 0.5548,
0.3602

■ 24.0033, 0.5903,
0.3554

■ 21.7829, 0.6159,
0.3476

■ 21.4816, 0.6195,
0.3463

Harmonies

Analogous

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



58.7234, 0.3559, 0.3195



58.7234, 0.3709, 0.3444



58.7234, 0.3693, 0.3669

Triad

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



58.7234, 0.3709, 0.3444



58.7234, 0.2948, 0.3637



58.7234, 0.2734, 0.2799

Complementary

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



58.7234, 0.3709, 0.3444



72.2177, 0.2699, 0.3130

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.



58.7234, 0.2588, 0.2887



58.7234, 0.3709, 0.3444



58.7234, 0.2707, 0.3368

Square

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



58.7234, 0.3709, 0.3444



58.7234, 0.3245, 0.3801



58.7234, 0.2579, 0.3091



58.7234, 0.2987, 0.2834

Rectangle

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



58.7234, 0.3709, 0.3444



58.7234, 0.3592, 0.3774



58.7234, 0.2579, 0.3091



58.7234, 0.2671, 0.2814

Sweetspot

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



58.7261, 0.3709, 0.3444



88.8205, 0.3262, 0.3331



55.6069, 0.3269, 0.2716



18.5851, 0.3289, 0.3339



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.



58.7261, 0.3709, 0.3444



59.1859, 0.3870, 0.3477



75.2598, 0.3610, 0.3800



17.0281, 0.3289, 0.3339



11.8345, 0.6171, 0.3482



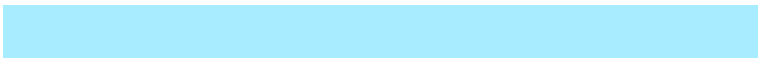
1.1803, 0.5941, 0.3665

Inverse Universe

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



72.2177, 0.2699, 0.3130



76.3617, 0.2618, 0.3092



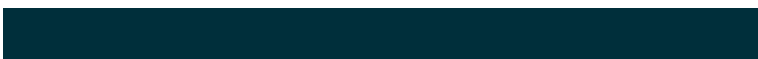
54.9788, 0.2657, 0.2721



18.1520, 0.2980, 0.3241



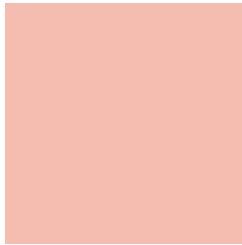
24.8259, 0.2062, 0.2623



2.3233, 0.2088, 0.2716

Previews

White Background



This preview shows how the Yxy color 58.7234, 0.3709, 0.3444 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 58.7234, 0.3709, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

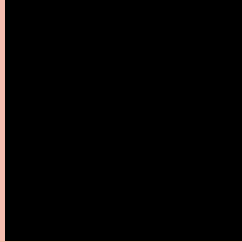
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.7234, 0.3709, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 58.7234, 0.3709, 0.3444.



This preview shows how white text looks on a background with the Yxy color 58.7234, 0.3709, 0.3444.

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

58.7234, 0.3709, 0.3444

Protanopia

58.8111, 0.3347, 0.3527

Deuteranopia

58.6285, 0.3592, 0.3517



Tritanopia

58.6422, 0.3532, 0.3132

Trichromacy



Original Color

58.7234, 0.3709, 0.3444

Protanomaly

58.7168, 0.3469, 0.3498

Deuteranomaly

58.5881, 0.3640, 0.3491

Tritanomaly

58.4722, 0.3598, 0.3238

Monochromacy



Original Color

58.7234, 0.3709, 0.3444

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.7572, 0.3332, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7234, 0.3709, 0.3444 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(244, 189, 175)` looks like.

```
.text, #text, p{  
    color:rgb(244, 189, 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(244, 189, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 189, 175) }
```

Border

The CSS property to change the border of an element to Yxy 58.7234, 0.3709, 0.3444 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(244, 189, 175) }
```

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

```
.border{ border-color:rgb(244, 189, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 189, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 189, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 189, 175);  
box-shadow:4px 4px 4px 4px rgb(244, 189,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7234, 0.3709, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 189, 175) }
```

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

```
.background{ background-color: rgb(244,  
189, 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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