

Converting Colors

$Yxy(58.3070, 0.3828, 0.3409)$

Have a look what the booklet for
Yxy(58.3070, 0.3828, 0.3409)
contains.

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Color

Yxy(58.3689, 0.3828, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	FEB8AD
RGB	254, 184, 173
RGB Percent	100%, 72%, 68%
CMY	0.0038, 0.2784, 0.3216
CMYK	0.00, 0.28, 0.32, 0.00
HSL	8°, 98%, 84%
HSV	8°, 32%, 100%
XYZ	65.5623, 58.3689, 47.3391
YIQ	203.6760, 45.2510, 11.4190

Conversions

Conversions Part 2

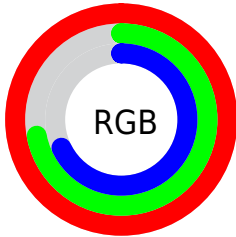
Format	Color
RYB	254, 186, 173
Decimal	16693421
CIELab	80.94, 23.92, 15.63
CIElCh	81, 28.577, 33.160
Yxy	58.3689, 0.3828, 0.3408
Android (android.graphics.Color)	4294883501 (0xFFFE8AD)
YUV	203.6760, -15.1233, 44.1341
Hunter-Lab	76.3995, 19.4805, 16.7421

Details

The Yxy color **58.3689, 0.3828, 0.3408** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.1520, 0.2655, 0.3167**, and the grayscale version is **60.2459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1816, 0.3302, 0.3409**, and **29.3488, 0.4010, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **49.0569, 0.4153, 0.3446**, and if you desaturate by 10%, it is **69.2885, 0.3558, 0.3369**.

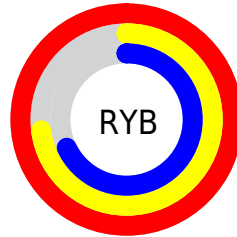
Distribution



Red (100%)

Green (72%)

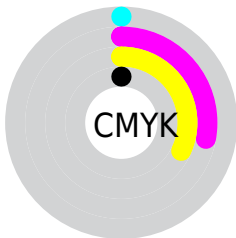
Blue (68%)



Red (100%)

Yellow (73%)

Blue (68%)

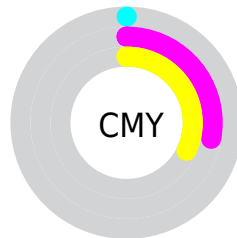


Cyan (0%)

Magenta (28%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (28%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3689, 0.3828, 0.3408 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 58.3689, 0.3828, 0.3408 by changing the saturation by 10% instead.


 58.3689, 0.3828,
0.3408

 58.3689, 0.3828,
0.3408


418.5591, 0.3487,
0.3361

 42.1053, 0.3910,
0.3417


 102.4599, 0.3706,
0.3393

 29.1837, 0.4013,
0.3426


131.0560, 0.3660,
0.3387

 19.2199, 0.4147,
0.3436


164.5318, 0.3621,
0.3381

 11.8293, 0.4327,
0.3444

203.2716, 0.3587,
0.3376

 6.6275, 0.4581,
0.3447

247.6599, 0.3557,
0.3372

 3.2303, 0.4963,
0.3431


298.0809, 0.3531,

 1.2531, 0.5854,


0.3368


0.3512


354.9192, 0.3508,
0.3364


 0.1044, 0.8674,
0.1326


 0.0000, 0.0000,
0.0000


 58.3689, 0.3828,
0.3408


 58.3689, 0.3828,
0.3408


 49.0569, 0.4153,
0.3446


 69.2885, 0.3558,
0.3369

 41.2685, 0.4533,
0.3478

 81.8780, 0.3338,
0.3332

 34.9246, 0.4961,
0.3498

 96.2065, 0.3157,
0.3296

 29.9356, 0.5405,
0.3500

99.8157, 0.3121,
0.3290

■ 26.2019, 0.5817,
0.3476

■ 23.6097, 0.6134,
0.3427

■ 22.2489, 0.6300,
0.3380

Harmonies

Analogous

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



58.3689, 0.3602, 0.3108



58.3689, 0.3828, 0.3408



58.3689, 0.3851, 0.3698

Triad

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



58.3689, 0.3828, 0.3408



58.3689, 0.2978, 0.3784



58.3689, 0.2592, 0.2697

Complementary

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



58.3689, 0.3828, 0.3408



80.1520, 0.2655, 0.3167

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.



58.3689, 0.2449, 0.2831



58.3689, 0.3828, 0.3408



58.3689, 0.2661, 0.3462

Square

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



58.3689, 0.3828, 0.3408



58.3689, 0.3347, 0.3948



58.3689, 0.2473, 0.3105



58.3689, 0.2878, 0.2712

Rectangle

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



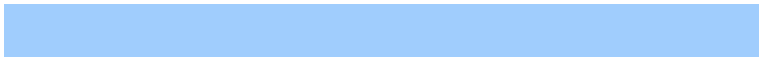
58.3689, 0.3828, 0.3408



58.3689, 0.3750, 0.3851



58.3689, 0.2473, 0.3105



58.3689, 0.2527, 0.2725

Sweetspot

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



58.3717, 0.3828, 0.3408



85.2025, 0.3301, 0.3325



57.4426, 0.3249, 0.2591



17.8223, 0.3328, 0.3330



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.



58.3717, 0.3828, 0.3408



52.9573, 0.4019, 0.3431



77.5715, 0.3698, 0.3816



18.3848, 0.3291, 0.3323



11.8467, 0.6281, 0.3395



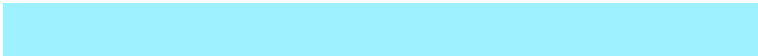
1.2696, 0.6104, 0.3535

Inverse Universe

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



80.1520, 0.2655, 0.3167



77.9066, 0.2575, 0.3141



58.6114, 0.2598, 0.2699



20.0357, 0.2980, 0.3257



30.7806, 0.2126, 0.2853



3.1083, 0.2141, 0.2908

Previews

White Background



This preview shows how the Yxy color 58.3689, 0.3828, 0.3408 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 58.3689, 0.3828, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

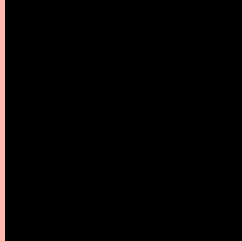
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3689, 0.3828, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 58.3689, 0.3828, 0.3408.



This preview shows how white text looks on a background with the Yxy color 58.3689, 0.3828, 0.3408.

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

58.3689, 0.3828, 0.3408

Protanopia

58.8523, 0.3339, 0.3515

Deuteranopia

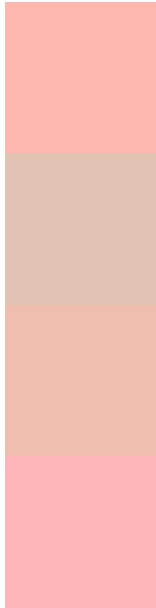
58.5128, 0.3617, 0.3551



Tritanopia

58.2479, 0.3651, 0.3146

Trichromacy



Original Color

58.3689, 0.3828, 0.3408

Protanomaly

58.4536, 0.3507, 0.3473

Deuteranomaly

58.1562, 0.3688, 0.3490

Tritanomaly

58.3038, 0.3719, 0.3239

Monochromacy



Original Color

58.3689, 0.3828, 0.3408

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.3124, 0.3359, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3689, 0.3828, 0.3408 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(254, 184, 173)` looks like.

```
.text, #text, p{  
    color:rgb(254, 184, 173)  
}
```

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(254, 184, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 184, 173) }
```

Border

The CSS property to change the border of an element to Yxy 58.3689, 0.3828, 0.3408 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(254, 184, 173) }
```

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

```
.border{ border-color:rgb(254, 184, 173) }
```

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

Here you see how a box with a 4 pixel rgb(254, 184, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 184, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 184, 173);  
box-shadow:4px 4px 4px 4px rgb(254, 184,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3689, 0.3828, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 184, 173) }
```

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

```
.background{ background-color: rgb(254,  
184, 173) }
```

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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