

Converting Colors

Yxy(62.8812, 0.3755, 0.3586)

Have a look what the booklet for
Yxy(62.8812, 0.3755, 0.3586)
contains.

Yxy(62.7912, 0.3759, 0.3580)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.7912, 0.3759, 0.3580)

Conversions

Conversions Part 1

Format	Color
Hex	F8C5AA
RGB	248, 197, 170
RGB Percent	97%, 77%, 67%
CMY	0.0275, 0.2274, 0.3333
CMYK	0.00, 0.21, 0.31, 0.03
HSL	21°, 85%, 82%
HSV	21°, 31%, 97%
XYZ	65.9308, 62.7912, 46.6725
YIQ	209.1710, 39.0630, 2.4150

Conversions

Conversions Part 2

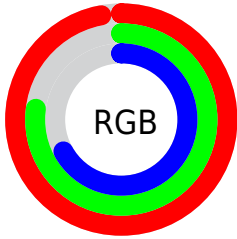
Format	Color
R _Y B	248, 211, 170
Decimal	16303530
CIE Lab	83.33, 14.45, 20.46
CIE LCh	83, 25.053, 54.771
Yxy	62.7912, 0.3759, 0.3580
Android (android.graphics.Color)	4294493610 (0xFFFF8C5AA)
YUV	209.1710, -19.3113, 34.0530
Hunter-Lab	79.2409, 9.8457, 20.5471

Details

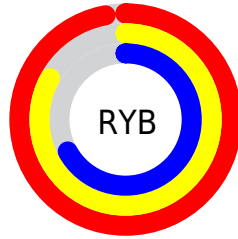
The Yxy color $62.7912, 0.3759, 0.3580$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $67.0238, 0.2639, 0.2979$, and the grayscale version is $63.9884, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.5799, 0.3305, 0.3572$, and $31.9001, 0.3914, 0.3637$ is the 20% darker color. If you saturate the color by 10%, you get $54.9718, 0.4032, 0.3675$, and if you desaturate by 10%, it is $71.5851, 0.3523, 0.3484$.

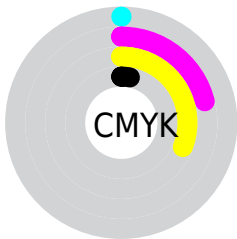
Distribution



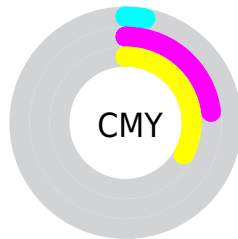
- Red (97%)
- Green (77%)
- Blue (67%)



- Red (97%)
- Yellow (83%)
- Blue (67%)



- Cyan (0%)
- Magenta (21%)
- Yellow (31%)
- Black (3%)




- Cyan (3%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7912, 0.3759, 0.3580 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 62.7912, 0.3759, 0.3580 by changing the saturation by 10% instead.


 62.7912, 0.3759,
0.3580

 62.7912, 0.3759,
0.3580


434.8113, 0.3457,
0.3450

 45.6723, 0.3830,
0.3608


 108.8682, 0.3652,
0.3536

 31.9873, 0.3919,
0.3642


138.5951, 0.3611,
0.3519

 21.3518, 0.4034,
0.3683


173.2935, 0.3576,
0.3503

 13.3814, 0.4185,
0.3734

213.3478, 0.3546,
0.3490

 7.6917, 0.4394,
0.3796

259.1423, 0.3519,
0.3478

 3.8983, 0.4699,
0.3868

311.0615, 0.3496,

 1.6168, 0.5425,

0.3468

0.4125

369.4897, 0.3475,
0.3459

0.3689, 0.6560,
0.3440

0.0000, 0.0000,
0.0000

62.7912, 0.3759,
0.3580

62.7912, 0.3759,
0.3580

54.9718, 0.4032,
0.3675

71.5851, 0.3523,
0.3484

48.0833, 0.4342,
0.3761

81.3777, 0.3321,
0.3390

42.0913, 0.4681,
0.3829

92.2033, 0.3150,
0.3302

36.9560, 0.5033,
0.3866

98.6950, 0.3084,
0.3290

■ 32.6338, 0.5374,
0.3859

■ 29.0763, 0.5670,
0.3801

■ 26.5933, 0.5875,
0.3717

Harmonies

Analogous

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



62.7912, 0.3687, 0.3321



62.7912, 0.3759, 0.3580



62.7912, 0.3652, 0.3781

Triad

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



62.7912, 0.3759, 0.3580



62.7912, 0.2795, 0.3522



62.7912, 0.2835, 0.2774

Complementary

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



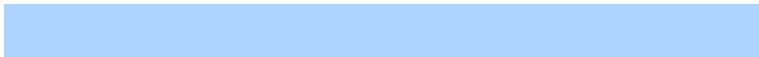
62.7912, 0.3759, 0.3580



67.0238, 0.2639, 0.2979

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.



62.7912, 0.2618, 0.2799



62.7912, 0.3759, 0.3580



62.7912, 0.2596, 0.3217

Square

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



62.7912, 0.3759, 0.3580



62.7912, 0.3089, 0.3765



62.7912, 0.2533, 0.2954



62.7912, 0.3140, 0.2872

Rectangle

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



62.7912, 0.3759, 0.3580



62.7912, 0.3498, 0.3850



62.7912, 0.2533, 0.2954



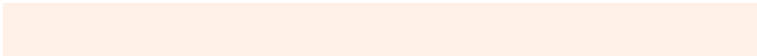
62.7912, 0.2750, 0.2768

Sweetspot

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



62.7941, 0.3759, 0.3580



89.4085, 0.3277, 0.3368



53.9765, 0.3376, 0.2750



18.7888, 0.3303, 0.3381



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

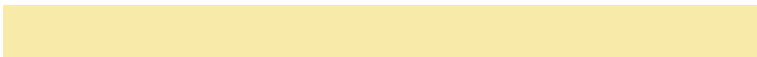
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.7941, 0.3759, 0.3580



61.2827, 0.3935, 0.3643



82.2696, 0.3640, 0.3958



18.2082, 0.3285, 0.3373



14.6021, 0.5846, 0.3740



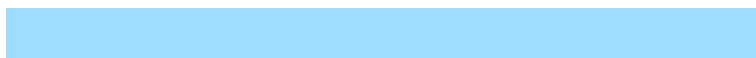
1.5420, 0.5617, 0.3922

Inverse Universe

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



67.0238, 0.2639, 0.2979



66.4442, 0.2539, 0.2902



49.1875, 0.2584, 0.2519



18.5372, 0.2980, 0.3206



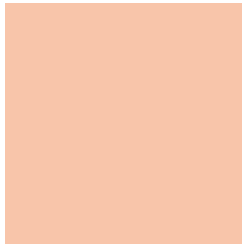
17.9125, 0.1920, 0.2113



1.8569, 0.1964, 0.2270

Previews

White Background



This preview shows how the Yxy color 62.7912, 0.3759, 0.3580 looks on a white background.

Color Contrast Check

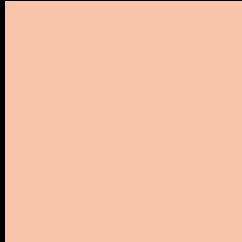
Large Text (above 18pt) WCAG AA × Fail

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 62.7912, 0.3759, 0.3580 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 62.7912, 0.3759, 0.3580

Background



This preview shows how black text looks on a background with the Yxy color 62.7912, 0.3759, 0.3580.



This preview shows how white text looks on a background with the Yxy color 62.7912, 0.3759, 0.3580.

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

62.7912, 0.3759, 0.3580

Protanopia

62.7809, 0.3454, 0.3659

Deuteranopia

62.8739, 0.3699, 0.3629



Tritanopia

62.8997, 0.3502, 0.3135

Trichromacy



Original Color

62.7912, 0.3759, 0.3580

Protanomaly

62.5520, 0.3568, 0.3627

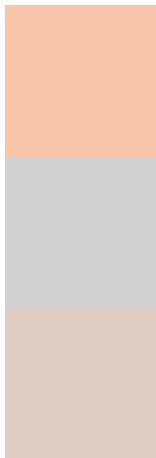
Deuteranomaly

62.9445, 0.3727, 0.3615

Tritanomaly

62.9878, 0.3596, 0.3291

Monochromacy



Original Color

62.7912, 0.3759, 0.3580

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.2907, 0.3340, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7912, 0.3759, 0.3580 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(248, 197, 170)` looks like.

```
.text, #text, p{  
    color:rgb(248, 197, 170)  
}
```

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(248, 197, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 197, 170) }
```

Border

The CSS property to change the border of an element to Yxy 62.7912, 0.3759, 0.3580 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(248, 197, 170) }
```

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

```
.border{ border-color:rgb(248, 197, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 197, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 197, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 197, 170);  
box-shadow:4px 4px 4px 4px rgb(248, 197,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7912, 0.3759, 0.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 197, 170) }
```

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

```
.background{ background-color: rgb(248,  
197, 170) }
```

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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