

Converting Colors

Yxy(62.8570, 0.3581, 0.3394)

Have a look what the booklet for
Yxy(62.8570, 0.3581, 0.3394)
contains.

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Color

Yxy(62.7964, 0.3580, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	F4C5BC
RGB	244, 197, 188
RGB Percent	96%, 77%, 74%
CMY	0.0431, 0.2274, 0.2628
CMYK	0.00, 0.19, 0.23, 0.04
HSL	10°, 72%, 85%
HSV	10°, 23%, 96%
XYZ	66.3551, 62.7964, 56.1980
YIQ	210.0270, 30.9010, 7.1650

Conversions

Conversions Part 2

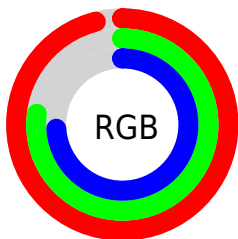
Format	Color
R _Y B	244, 199, 188
Decimal	16041404
CIE Lab	83.34, 15.39, 10.84
CIE LCh	83, 18.821, 35.159
Yxy	62.7964, 0.3580, 0.3388
Android (android.graphics.Color)	4294231484 (0xFFF4C5BC)
YUV	210.0270, -10.8593, 29.7943
Hunter-Lab	79.2442, 10.7897, 13.4240

Details

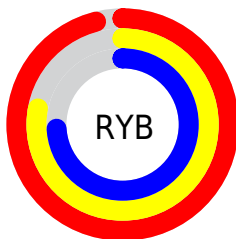
The Yxy color **62.7964, 0.3580, 0.3388** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.6473, 0.2779, 0.3190**, and the grayscale version is **64.5271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6753, 0.3192, 0.3386**, and **31.9590, 0.3694, 0.3403** is the 20% darker color. If you saturate the color by 10%, you get **53.1569, 0.3850, 0.3434**, and if you desaturate by 10%, it is **73.8831, 0.3357, 0.3344**.

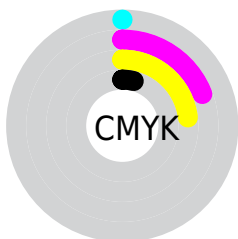
Distribution



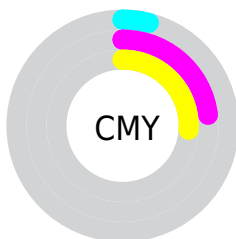
- Red (96%)
- Green (77%)
- Blue (74%)



- Red (96%)
- Yellow (78%)
- Blue (74%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (4%)




- Cyan (4%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7964, 0.3580, 0.3388 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 62.7964, 0.3580, 0.3388 by changing the saturation by 10% instead.


 62.7964, 0.3580,
0.3388

 62.7964, 0.3580,
0.3388

434.8302, 0.3363,
0.3345

 45.6765, 0.3631,
0.3397


 108.8757, 0.3503,
0.3374

 31.9906, 0.3696,
0.3408


138.6040, 0.3474,
0.3368

 21.3543, 0.3779,
0.3420


173.3038, 0.3449,
0.3363

 13.3833, 0.3891,
0.3436

213.3595, 0.3427,
0.3359

 7.6930, 0.4048,
0.3454

259.1557, 0.3408,
0.3355

 3.8991, 0.4284,
0.3473

311.0766, 0.3391,

 1.6173, 0.4679,

0.3351

0.3488

369.5066, 0.3376,
0.3348

0.3692, 0.6631,
0.3369

0.0000, 0.0000,
0.0000

62.7964, 0.3580,
0.3388

62.7964, 0.3580,
0.3388

53.1569, 0.3850,
0.3434

73.8831, 0.3357,
0.3344

44.8963, 0.4174,
0.3477

86.4643, 0.3175,
0.3302

37.9539, 0.4550,
0.3515

97.9759, 0.3060,
0.3290

32.2608, 0.4970,
0.3538

■ 27.7420, 0.5404,
0.3540

■ 24.3140, 0.5805,
0.3512

■ 21.8821, 0.6115,
0.3456

■ 20.7014, 0.6264,
0.3408

Harmonies

Analogous

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



62.7964, 0.3445, 0.3187



62.7964, 0.3580, 0.3388



62.7964, 0.3588, 0.3573

Triad

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



62.7964, 0.3580, 0.3388



62.7964, 0.3019, 0.3589



62.7964, 0.2789, 0.2900

Complementary

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



62.7964, 0.3580, 0.3388



76.6473, 0.2779, 0.3190

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.



62.7964, 0.2685, 0.2988



62.7964, 0.3580, 0.3388



62.7964, 0.2815, 0.3387

Square

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



62.7964, 0.3580, 0.3388



62.7964, 0.3258, 0.3702



62.7964, 0.2695, 0.3164



62.7964, 0.2983, 0.2912

Rectangle

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



62.7964, 0.3580, 0.3388



62.7964, 0.3521, 0.3663



62.7964, 0.2695, 0.3164



62.7964, 0.2743, 0.2918

Sweetspot

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



62.7993, 0.3580, 0.3388



89.7145, 0.3244, 0.3318



61.2347, 0.3217, 0.2799



19.0212, 0.3255, 0.3321



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.



62.7993, 0.3580, 0.3388



63.7680, 0.3712, 0.3411



76.3982, 0.3517, 0.3673



16.9126, 0.3290, 0.3329



11.3823, 0.6243, 0.3425



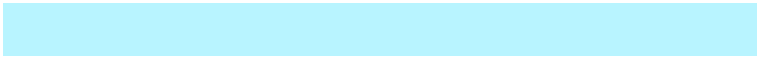
1.1238, 0.6030, 0.3594

Inverse Universe

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



76.6473, 0.2779, 0.3190



81.7766, 0.2706, 0.3165



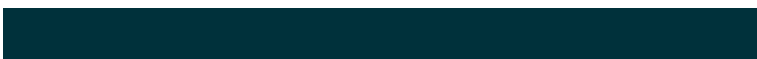
62.1422, 0.2754, 0.2875



18.2776, 0.2980, 0.3251



27.4063, 0.2103, 0.2770



2.5275, 0.2123, 0.2842

Previews

White Background



This preview shows how the Yxy color 62.7964, 0.3580, 0.3388 looks on a white background.

Color Contrast Check

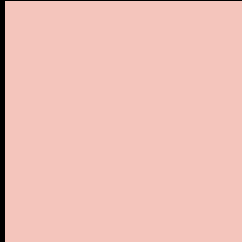
Large Text (above 18pt) WCAG AA × Fail

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 62.7964, 0.3580, 0.3388 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 62.7964, 0.3580, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 62.7964, 0.3580, 0.3388.



This preview shows how white text looks on a background with the Yxy color 62.7964, 0.3580, 0.3388.

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

62.7964, 0.3580, 0.3388

Protanopia

62.9230, 0.3289, 0.3451

Deuteranopia

62.5586, 0.3507, 0.3434



Tritanopia

62.7799, 0.3433, 0.3133

Trichromacy



Original Color

62.7964, 0.3580, 0.3388

Protanomaly

62.6422, 0.3397, 0.3425

Deuteranomaly

62.6118, 0.3534, 0.3422

Tritanomaly

62.6597, 0.3488, 0.3227

Monochromacy



Original Color

62.7964, 0.3580, 0.3388

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.4565, 0.3280, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7964, 0.3580, 0.3388 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, 197, 188)` looks like.

```
.text, #text, p{  
    color:rgb(244, 197, 188)  
}
```

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, 197, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 197, 188) }
```

Border

The CSS property to change the border of an element to Yxy 62.7964, 0.3580, 0.3388 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, 197, 188) }
```

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

```
.border{ border-color:rgb(244, 197, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 197, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 197, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 197, 188);  
box-shadow:4px 4px 4px 4px rgb(244, 197,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7964, 0.3580, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 197, 188) }
```

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

```
.background{ background-color: rgb(244,  
197, 188) }
```

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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