

Converting Colors

Yxy(62.1784, 0.3571, 0.3411)

Have a look what the booklet for
Yxy(62.1784, 0.3571, 0.3411)
contains.

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Color

Yxy(62.1784, 0.3571, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	F1C5BA
RGB	241, 197, 186
RGB Percent	95%, 77%, 73%
CMY	0.0550, 0.2274, 0.2707
CMYK	0.00, 0.18, 0.23, 0.06
HSL	12°, 66%, 84%
HSV	12°, 23%, 94%
XYZ	65.0950, 62.1784, 55.0145
YIQ	208.9020, 29.7550, 5.9070

Conversions

Conversions Part 2

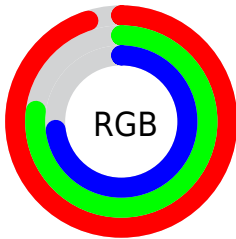
Format	Color
R _Y B	241, 200, 186
Decimal	15844794
CIE Lab	83.01, 13.97, 11.41
CIE LCh	83, 18.037, 39.235
Yxy	62.1784, 0.3571, 0.3411
Android (android.graphics.Color)	4294034874 (0xFFFF1C5BA)
YUV	208.9020, -11.2907, 28.1499
Hunter-Lab	78.8533, 9.3622, 13.8318

Details

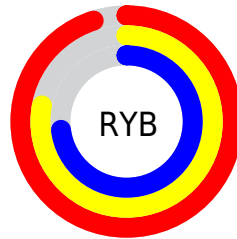
The Yxy color **62.1784, 0.3571, 0.3411** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.3409, 0.2779, 0.3165**, and the grayscale version is **63.7531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5544, 0.3203, 0.3405**, and **31.5287, 0.3683, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **53.0453, 0.3834, 0.3468**, and if you desaturate by 10%, it is **72.6075, 0.3353, 0.3356**.

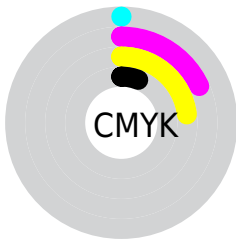
Distribution



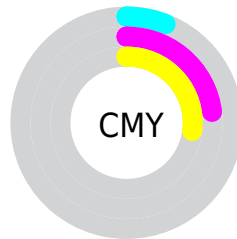
- Red (95%)
- Green (77%)
- Blue (73%)



- Red (95%)
- Yellow (78%)
- Blue (73%)



- Cyan (0%)
- Magenta (18%)
- Yellow (23%)
- Black (6%)




- Cyan (6%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1784, 0.3571, 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 62.1784, 0.3571, 0.3411 by changing the saturation by 10% instead.

 62.1784, 0.3571,
0.3411

 62.1784, 0.3571,
0.3411


432.5815, 0.3358,
0.3357

 45.1769, 0.3622,
0.3423


 107.9833, 0.3496,
0.3393

 31.5968, 0.3685,
0.3437


137.5555, 0.3467,
0.3386

 21.0537, 0.3767,
0.3454


172.0867, 0.3442,
0.3379

 13.1633, 0.3877,
0.3475

211.9613, 0.3421,
0.3374

 7.5411, 0.4032,
0.3501

257.5637, 0.3402,
0.3369

 3.8027, 0.4266,
0.3532

309.2782, 0.3386,

 1.5638, 0.4667,

0.3365

0.3573

367.4894, 0.3371,
0.3361

0.3330, 0.6638,
0.3362

0.0000, 0.0000,
0.0000

62.1784, 0.3571,
0.3411

62.1784, 0.3571,
0.3411

53.0453, 0.3834,
0.3468

72.6075, 0.3353,
0.3356

45.1489, 0.4147,
0.3522

84.3719, 0.3172,
0.3304

38.4382, 0.4509,
0.3570

97.3072, 0.3041,
0.3288

32.8549, 0.4912,
0.3602

97.4352, 0.3041,
0.3290

■ 28.3360, 0.5330,
0.3608

■ 24.8118, 0.5722,
0.3581

■ 22.2039, 0.6036,
0.3517

■ 20.8396, 0.6199,
0.3460

Harmonies

Analogous

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



62.1784, 0.3456, 0.3217



62.1784, 0.3571, 0.3411



62.1784, 0.3561, 0.3583

Triad

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



62.1784, 0.3571, 0.3411



62.1784, 0.2994, 0.3555



62.1784, 0.2823, 0.2910

Complementary

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



62.1784, 0.3571, 0.3411



73.3409, 0.2779, 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.



62.1784, 0.2709, 0.2983



62.1784, 0.3571, 0.3411



62.1784, 0.2805, 0.3354

Square

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



62.1784, 0.3571, 0.3411



62.1784, 0.3223, 0.3678



62.1784, 0.2703, 0.3142



62.1784, 0.3019, 0.2935

Rectangle

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



62.1784, 0.3571, 0.3411



62.1784, 0.3486, 0.3662



62.1784, 0.2703, 0.3142



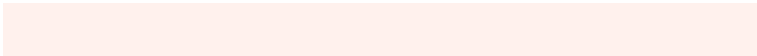
62.1784, 0.2774, 0.2923

Sweetspot

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



62.1812, 0.3571, 0.3411



90.1359, 0.3244, 0.3325



59.5171, 0.3237, 0.2829



19.1185, 0.3255, 0.3328



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.



62.1812, 0.3571, 0.3411



66.1065, 0.3677, 0.3435



75.8053, 0.3508, 0.3698



16.2726, 0.3288, 0.3338



11.4552, 0.6175, 0.3479



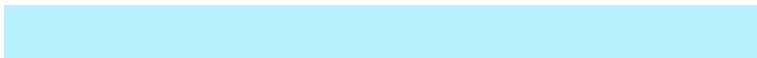
1.0890, 0.5932, 0.3672

Inverse Universe

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



73.3409, 0.2779, 0.3165



80.6947, 0.2717, 0.3139



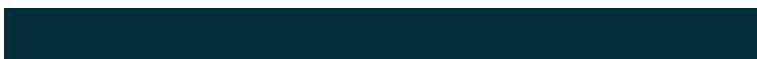
59.2517, 0.2754, 0.2846



17.3584, 0.2981, 0.3241



24.2321, 0.2065, 0.2633



2.1510, 0.2091, 0.2729

Previews

White Background



This preview shows how the Yxy color 62.1784, 0.3571, 0.3411 looks on a white background.

Color Contrast Check

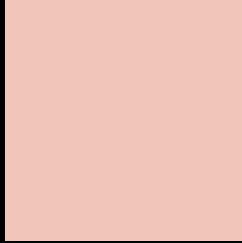
Large Text (above 18pt) WCAG AA × Fail

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 62.1784, 0.3571, 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 62.1784, 0.3571, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 62.1784, 0.3571, 0.3411.

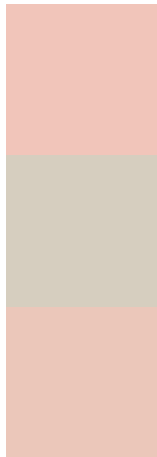


This preview shows how white text looks on a background with the Yxy color 62.1784, 0.3571, 0.3411.

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

62.1784, 0.3571, 0.3411

Protanopia

62.2003, 0.3297, 0.3464

Deuteranopia

62.0542, 0.3517, 0.3434



Tritanopia

62.4201, 0.3417, 0.3132

Trichromacy



Original Color

62.1784, 0.3571, 0.3411

Protanomaly

62.2333, 0.3396, 0.3449

Deuteranomaly

61.9379, 0.3536, 0.3423

Tritanomaly

62.3019, 0.3471, 0.3227

Monochromacy



Original Color

62.1784, 0.3571, 0.3411

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.2518, 0.3280, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1784, 0.3571, 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(241, 197, 186)` looks like.

```
.text, #text, p{  
    color:rgb(241, 197, 186)  
}
```

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(241, 197, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 197, 186) }
```

Border

The CSS property to change the border of an element to Yxy 62.1784, 0.3571, 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(241, 197, 186) }
```

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

```
.border{ border-color:rgb(241, 197, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 197, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 197, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 197, 186);  
box-shadow:4px 4px 4px 4px rgb(241, 197,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1784, 0.3571, 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(241, 197, 186) }
```

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

```
.background{ background-color: rgb(241,  
197, 186) }
```

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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