

Converting Colors

$Yxy(62.4748, 0.3556, 0.3377)$

Have a look what the booklet for
Yxy(62.4748, 0.3556, 0.3377)
contains.

Yxy(62.4839, 0.3555, 0.3378)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.4839, 0.3555, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	F2C5BD
RGB	242, 197, 189
RGB Percent	95%, 77%, 74%
CMY	0.0511, 0.2274, 0.2589
CMYK	0.00, 0.19, 0.22, 0.05
HSL	9°, 67%, 84%
HSV	9°, 22%, 95%
XYZ	65.7579, 62.4839, 56.7312
YIQ	209.5430, 29.3880, 7.0520

Conversions

Conversions Part 2

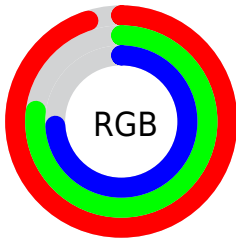
Format	Color
R _Y B	242, 198, 189
Decimal	15910333
CIE Lab	83.17, 14.76, 10.05
CIE LCh	83, 17.859, 34.237
Yxy	62.4839, 0.3555, 0.3378
Android (android.graphics.Color)	4294100413 (0xFFF2C5BD)
YUV	209.5430, -10.1277, 28.4648
Hunter-Lab	79.0468, 10.1599, 12.7808

Details

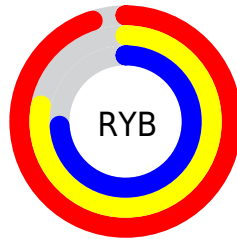
The Yxy color $62.4839, 0.3555, 0.3378$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $76.0282, 0.2795, 0.3200$, and the grayscale version is $64.1861, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7362, 0.3186, 0.3376$, and $31.7368, 0.3661, 0.3390$ is the 20% darker color. If you saturate the color by 10%, you get $52.8253, 0.3821, 0.3421$, and if you desaturate by 10%, it is $73.5927, 0.3336, 0.3336$.

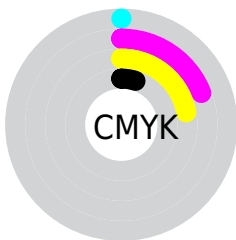
Distribution



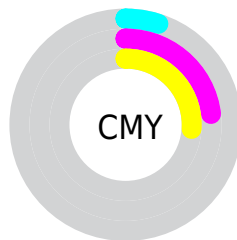
- Red (95%)
- Green (77%)
- Blue (74%)



- Red (95%)
- Yellow (78%)
- Blue (74%)



- Cyan (0%)
- Magenta (19%)
- Yellow (22%)
- Black (5%)





- Cyan (5%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4839, 0.3555, 0.3378 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 62.4839, 0.3555, 0.3378 by changing the saturation by 10% instead.


 62.4839, 0.3555,
0.3378

 62.4839, 0.3555,
0.3378


433.6940, 0.3350,
0.3340

 45.4238, 0.3604,
0.3386


 108.4246, 0.3482,
0.3365

 31.7914, 0.3665,
0.3396


138.0740, 0.3455,
0.3360

 21.2022, 0.3744,
0.3407

172.6886, 0.3431,
0.3356

 13.2719, 0.3850,
0.3421

212.6529, 0.3410,
0.3352

 7.6160, 0.3999,
0.3438

258.3512, 0.3392,
0.3348

 3.8503, 0.4224,
0.3456

310.1678, 0.3376,

 1.5902, 0.4600,

0.3345

0.3469

368.4873, 0.3362,
0.3342

0.3509, 0.6641,
0.3359

0.0000, 0.0000,
0.0000

62.4839, 0.3555,
0.3378

62.4839, 0.3555,
0.3378

52.8253, 0.3821,
0.3421

73.5927, 0.3336,
0.3336

44.5487, 0.4140,
0.3463

86.1993, 0.3157,
0.3297

37.5931, 0.4515,
0.3499

97.6101, 0.3047,
0.3290

31.8897, 0.4934,
0.3523

■ 27.3634, 0.5372,
0.3526

■ 23.9306, 0.5780,
0.3502

■ 21.4969, 0.6102,
0.3450

■ 20.1748, 0.6276,
0.3399

Harmonies

Analogous

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



62.4839, 0.3423, 0.3187



62.4839, 0.3555, 0.3378



62.4839, 0.3567, 0.3555

Triad

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



62.4839, 0.3555, 0.3378



62.4839, 0.3032, 0.3579



62.4839, 0.2801, 0.2920

Complementary

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



62.4839, 0.3555, 0.3378



76.0282, 0.2795, 0.3200

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.



62.4839, 0.2705, 0.3007



62.4839, 0.3555, 0.3378



62.4839, 0.2835, 0.3389

Square

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



62.4839, 0.3555, 0.3378



62.4839, 0.3259, 0.3683



62.4839, 0.2717, 0.3177



62.4839, 0.2984, 0.2928

Rectangle

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



62.4839, 0.3555, 0.3378



62.4839, 0.3505, 0.3642



62.4839, 0.2717, 0.3177



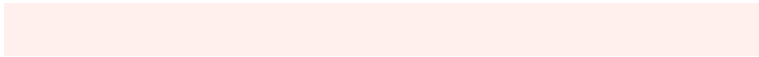
62.4839, 0.2758, 0.2938

Sweetspot

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



62.4868, 0.3555, 0.3378



89.6196, 0.3245, 0.3317



61.2014, 0.3212, 0.2822



18.9993, 0.3255, 0.3319



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.



62.4868, 0.3555, 0.3378



65.6562, 0.3660, 0.3396



75.5435, 0.3497, 0.3654



16.1458, 0.3290, 0.3327



10.9644, 0.6255, 0.3415



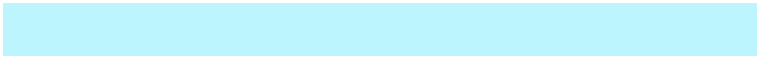
1.0284, 0.6035, 0.3590

Inverse Universe

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



76.0282, 0.2795, 0.3200



83.2708, 0.2735, 0.3181



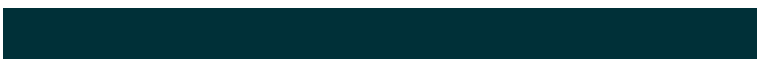
62.1076, 0.2773, 0.2897



17.4965, 0.2981, 0.3253



27.1370, 0.2111, 0.2801



2.3670, 0.2131, 0.2872

Previews

White Background



This preview shows how the Yxy color 62.4839, 0.3555, 0.3378 looks on a white background.

Color Contrast Check

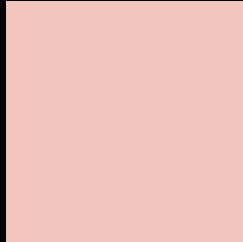
Large Text (above 18pt) WCAG AA × Fail

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 62.4839, 0.3555, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

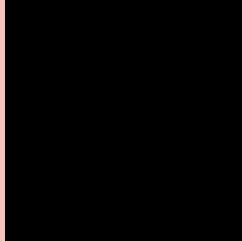
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.4839, 0.3555, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 62.4839, 0.3555, 0.3378.

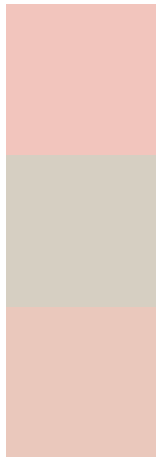


This preview shows how white text looks on a background with the Yxy color 62.4839, 0.3555, 0.3378.

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

62.4839, 0.3555, 0.3378

Protanopia

62.8168, 0.3274, 0.3440

Deuteranopia

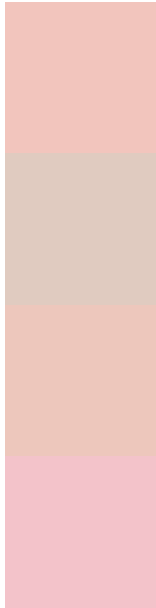
62.4318, 0.3491, 0.3423



Tritanopia

62.4201, 0.3417, 0.3132

Trichromacy



Original Color

62.4839, 0.3555, 0.3378

Protanomaly

62.3649, 0.3373, 0.3415

Deuteranomaly

62.4822, 0.3518, 0.3412

Tritanomaly

62.3492, 0.3463, 0.3216

Monochromacy



Original Color

62.4839, 0.3555, 0.3378

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 62.4839, 0.3555, 0.3378 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(242, 197, 189)` looks like.

```
.text, #text, p{  
    color:rgb(242, 197, 189)  
}
```

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(242, 197, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 197, 189) }
```

Border

The CSS property to change the border of an element to Yxy 62.4839, 0.3555, 0.3378 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(242, 197, 189) }
```

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

```
.border{ border-color:rgb(242, 197, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 197, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 197, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 197, 189);  
box-shadow:4px 4px 4px 4px rgb(242, 197,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4839, 0.3555, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 197, 189) }
```

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

```
.background{ background-color: rgb(242,  
197, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor