

# Converting Colors

Yxy(62.5495, 0.3555, 0.3309)

Have a look what the booklet for  
Yxy(62.5495, 0.3555, 0.3309)  
contains.

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# Color

**Yxy(62.5181, 0.3552, 0.3302)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6C3C2
RGB	246, 195, 194
RGB Percent	96%, 76%, 76%
CMY	0.0354, 0.2352, 0.2392
CMYK	0.00, 0.21, 0.21, 0.04
HSL	1°, 74%, 86%
HSV	1°, 21%, 96%
XYZ	67.2515, 62.5181, 59.5645
YIQ	210.1350, 30.7170, 10.5010

# Conversions

## Conversions Part 2

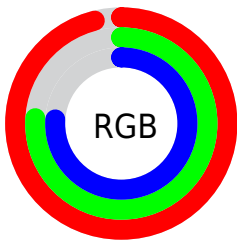
Format	Color
R <sub>Y</sub> B	246, 195, 194
Decimal	16171970
CIE Lab	83.19, 18.01, 7.44
CIE LCh	83, 19.487, 22.456
Yxy	62.5181, 0.3552, 0.3302
Android (android.graphics.Color)	4294362050 (0xFFFF6C3C2)
YUV	210.1350, -7.9546, 31.4536
Hunter-Lab	79.0684, 13.4531, 10.6830

# Details

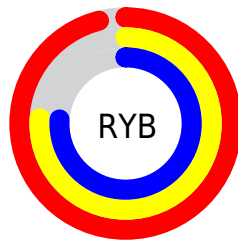
The Yxy color  $62.5181, 0.3552, 0.3302$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $83.4026, 0.2811, 0.3278$ , and the grayscale version is  $64.5808, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $97.7829, 0.3158, 0.3309$ , and  $31.7620, 0.3668, 0.3305$  is the 20% darker color. If you saturate the color by 10%, you get  $51.5553, 0.3834, 0.3308$ , and if you desaturate by 10%, it is  $75.4152, 0.3326, 0.3296$ .

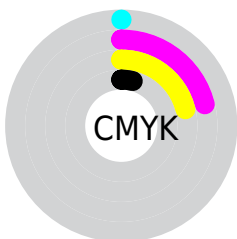
# Distribution



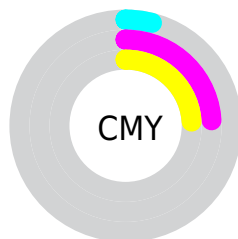
- Red (96%)
- Green (76%)
- Blue (76%)



- Red (96%)
- Yellow (76%)
- Blue (76%)



- Cyan (0%)
- Magenta (21%)
- Yellow (21%)
- Black (4%)




- Cyan (4%)
- Magenta (24%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5181, 0.3552, 0.3302 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 62.5181, 0.3552, 0.3302 by changing the saturation by 10% instead.




 62.5181, 0.3552,  
0.3302

 62.5181, 0.3552,  
0.3302


433.8184, 0.3348,  
0.3299

 45.4515, 0.3600,  
0.3302

 108.4740, 0.3480,  
0.3302

 31.8132, 0.3661,  
0.3301


138.1320, 0.3452,  
0.3301

 21.2188, 0.3739,  
0.3300


172.7560, 0.3429,  
0.3301

 13.2841, 0.3844,  
0.3296

212.7303, 0.3408,  
0.3301

 7.6244, 0.3992,  
0.3289

258.4392, 0.3390,  
0.3300

 3.8556, 0.4216,  
0.3273

310.2673, 0.3375,

 1.5931, 0.4590,

0.3300

0.3233

368.5989, 0.3361,  
0.3300

0.3530, 0.6871,  
0.3129

0.0000, 0.0000,  
0.0000

62.5181, 0.3552,  
0.3302

62.5181, 0.3552,  
0.3302

51.5553, 0.3834,  
0.3308

75.4152, 0.3326,  
0.3296

42.4254, 0.4179,  
0.3315

90.3243, 0.3145,  
0.3291

35.0311, 0.4591,  
0.3320

98.3276, 0.3072,  
0.3290

29.2626, 0.5055,  
0.3323

■ 24.9973, 0.5533,  
0.3324

■ 22.0957, 0.5958,  
0.3320

■ 20.3920, 0.6256,  
0.3312

■ 19.6915, 0.6391,  
0.3308

# Harmonies

## Analogous

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



62.5181, 0.3366, 0.3102



62.5181, 0.3552, 0.3302



62.5181, 0.3619, 0.3507

# Triad

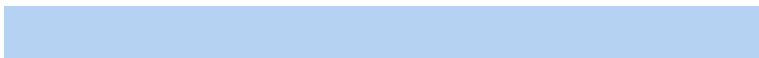
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.5181, 0.3552, 0.3302



62.5181, 0.3119, 0.3665



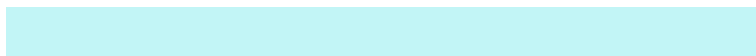
62.5181, 0.2718, 0.2912

# Complementary

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



62.5181, 0.3552, 0.3302



83.4026, 0.2811, 0.3278

# 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.



62.5181, 0.2659, 0.3044



62.5181, 0.3552, 0.3302



62.5181, 0.2885, 0.3487

# Square

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



62.5181, 0.3552, 0.3302



62.5181, 0.3363, 0.3729



62.5181, 0.2719, 0.3255



62.5181, 0.2884, 0.2881



# Rectangle

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



62.5181, 0.3552, 0.3302



62.5181, 0.3586, 0.3622



62.5181, 0.2719, 0.3255



62.5181, 0.2685, 0.2945

# Sweetspot

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



62.5210, 0.3552, 0.3302



89.8523, 0.3228, 0.3293



64.7729, 0.3158, 0.2772



19.0061, 0.3240, 0.3294



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.



62.5210, 0.3552, 0.3302



62.9477, 0.3655, 0.3304



75.1191, 0.3497, 0.3571



16.5341, 0.3293, 0.3295



10.5365, 0.6387, 0.3311



0.9439, 0.6351, 0.3339

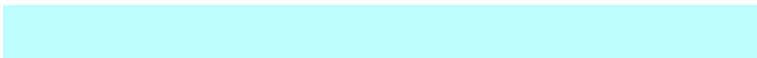


# Inverse Universe

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



83.4026, 0.2811, 0.3278



89.0598, 0.2757, 0.3276



68.8492, 0.2791, 0.2991



18.6992, 0.2981, 0.3285



37.2239, 0.2230, 0.3228

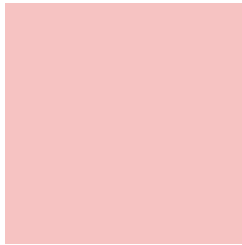


3.2890, 0.2232, 0.3236



# Previews

## White Background



This preview shows how the Yxy color 62.5181, 0.3552, 0.3302 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

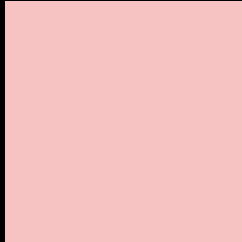
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 62.5181, 0.3552, 0.3302 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

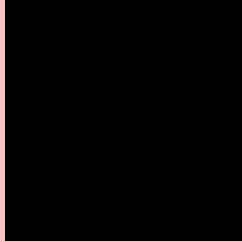
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 62.5181, 0.3552, 0.3302**

## Background



This preview shows how black text looks on a background with the Yxy color 62.5181, 0.3552, 0.3302.



This preview shows how white text looks on a background with the Yxy color 62.5181, 0.3552, 0.3302.

# 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

62.5181, 0.3552, 0.3302

### Protanopia

62.9419, 0.3223, 0.3371

### Deuteranopia

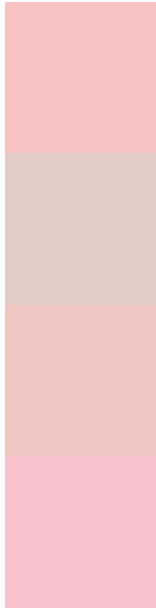
62.4824, 0.3444, 0.3368



## Tritanopia

62.6505, 0.3459, 0.3133

# Trichromacy



## Original Color

62.5181, 0.3552, 0.3302

## Protanomaly

62.7966, 0.3336, 0.3347

## Deuteranomaly

62.4156, 0.3488, 0.3346

## Tritanomaly

62.6695, 0.3490, 0.3196

# Monochromacy



## Original Color

62.5181, 0.3552, 0.3302

## Achromatopsia

64.4480, 0.3127, 0.3290

## Achromatomaly

63.7103, 0.3273, 0.3302

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.5181, 0.3552, 0.3302 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(246, 195, 194)` looks like.

```
.text, #text, p{  
    color:rgb(246, 195, 194)  
}
```

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(246, 195, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 195, 194) }
```

## Border

The CSS property to change the border of an element to Yxy 62.5181, 0.3552, 0.3302 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(246, 195, 194) }
```

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

```
.border{ border-color:rgb(246, 195, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 195, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 195, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 195, 194);  
box-shadow:4px 4px 4px 4px rgb(246, 195,  
194) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.5181, 0.3552, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 195, 194) }
```

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

```
.background{ background-color: rgb(246,  
195, 194) }
```

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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