

Converting Colors

Yxy(63.8464, 0.3520, 0.3315)

Have a look what the booklet for
Yxy(63.8464, 0.3520, 0.3315)
contains.

Yxy(63.7862, 0.3522, 0.3312)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.7862, 0.3522, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	F5C6C4
RGB	245, 198, 196
RGB Percent	96%, 78%, 77%
CMY	0.0390, 0.2236, 0.2313
CMYK	0.00, 0.19, 0.20, 0.04
HSL	2°, 71%, 86%
HSV	2°, 20%, 96%
XYZ	67.8306, 63.7862, 60.9744
YIQ	211.8250, 28.6540, 9.3420

Conversions

Conversions Part 2

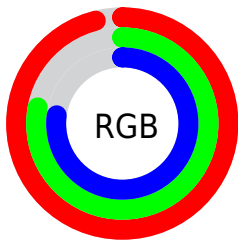
Format	Color
R _Y B	245, 198, 196
Decimal	16107204
CIE Lab	83.85, 16.41, 7.31
CIE LCh	84, 17.968, 24.011
Yxy	63.7862, 0.3522, 0.3312
Android (android.graphics.Color)	4294297284 (0xFF5C6C4)
YUV	211.8250, -7.8017, 29.0945
Hunter-Lab	79.8663, 11.8345, 10.6411

Details

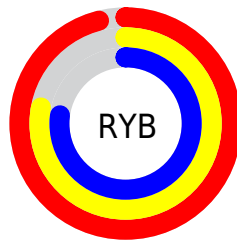
The Yxy color **63.7862, 0.3522, 0.3312** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.4948, 0.2826, 0.3268**, and the grayscale version is **65.7598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **32.5909, 0.3625, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **52.8310, 0.3794, 0.3324**, and if you desaturate by 10%, it is **76.5999, 0.3303, 0.3301**.

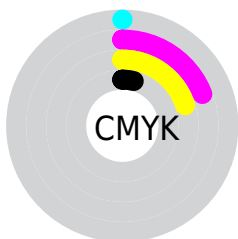
Distribution



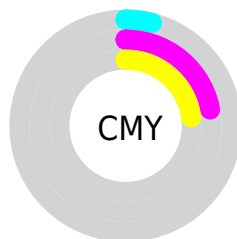
- Red (96%)
- Green (78%)
- Blue (77%)



- Red (96%)
- Yellow (78%)
- Blue (77%)



- Cyan (0%)
- Magenta (19%)
- Yellow (20%)
- Black (4%)




- Cyan (4%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.7862, 0.3522, 0.3312 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 63.7862, 0.3522, 0.3312 by changing the saturation by 10% instead.

 63.7862, 0.3522,
0.3312

 63.7862, 0.3522,
0.3312

438.4172, 0.3333,
0.3304

 46.4775, 0.3567,
0.3313

110.3030, 0.3455,
0.3310

 32.6228, 0.3622,
0.3314


140.2799, 0.3430,
0.3309

 21.8377, 0.3694,
0.3315


175.2483, 0.3408,
0.3308

 13.7377, 0.3791,
0.3314

215.5926, 0.3389,
0.3307

 7.9384, 0.3926,
0.3312

261.6973, 0.3373,
0.3306

 4.0556, 0.4129,
0.3304


313.9467, 0.3358,


 1.7047, 0.4467,

0.3306

0.3279


372.7252, 0.3345,
0.3305


 0.4267, 0.6539,
0.3461


 0.0000, 0.0000,
0.0000


 63.7862, 0.3522,
0.3312


 63.7862, 0.3522,
0.3312


 52.8310, 0.3794,
0.3324


 76.5999, 0.3303,
0.3301

 43.6398, 0.4128,
0.3336

 91.3436, 0.3127,
0.3290

 36.1231, 0.4526,
0.3346

 98.1627, 0.3066,
0.3290

 30.1800, 0.4979,
0.3353

■ 25.6987, 0.5453,
0.3353

■ 22.5530, 0.5888,
0.3346

■ 20.5948, 0.6210,
0.3331

■ 19.6352, 0.6380,
0.3316

Harmonies

Analogous

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



63.7862, 0.3357, 0.3126



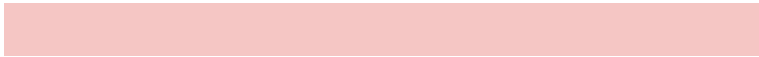
63.7862, 0.3522, 0.3312



63.7862, 0.3577, 0.3499

Triad

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



63.7862, 0.3522, 0.3312



63.7862, 0.3109, 0.3626



63.7862, 0.2757, 0.2939

Complementary

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



63.7862, 0.3522, 0.3312



82.4948, 0.2826, 0.3268

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.



63.7862, 0.2697, 0.3057



63.7862, 0.3522, 0.3312



63.7862, 0.2895, 0.3460

Square

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



63.7862, 0.3522, 0.3312



63.7862, 0.3333, 0.3691



63.7862, 0.2747, 0.3247



63.7862, 0.2914, 0.2915

Rectangle

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



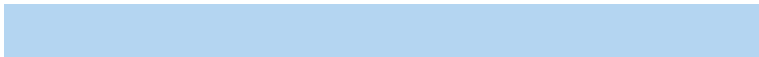
63.7862, 0.3522, 0.3312



63.7862, 0.3543, 0.3602



63.7862, 0.2747, 0.3247



63.7862, 0.2725, 0.2969

Sweetspot

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



63.7891, 0.3522, 0.3312



90.0370, 0.3228, 0.3296



65.4096, 0.3162, 0.2808



19.0496, 0.3240, 0.3297



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.



63.7891, 0.3522, 0.3312



64.7364, 0.3625, 0.3317



75.7445, 0.3473, 0.3564



16.5885, 0.3293, 0.3300



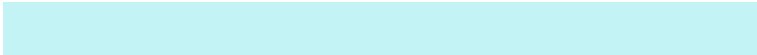
10.6193, 0.6372, 0.3322



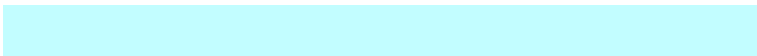
0.9700, 0.6300, 0.3379

Inverse Universe

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



82.4948, 0.2826, 0.3268



88.6330, 0.2770, 0.3263



68.9486, 0.2809, 0.3000



18.6376, 0.2981, 0.3280



35.6772, 0.2213, 0.3165



3.1704, 0.2217, 0.3181

Previews

White Background



This preview shows how the Yxy color 63.7862, 0.3522, 0.3312 looks on a white background.

Color Contrast Check

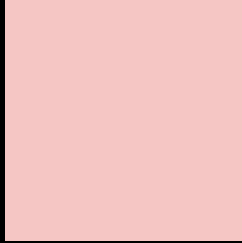
Large Text (above 18pt) WCAG AA × Fail

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 63.7862, 0.3522, 0.3312 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 63.7862, 0.3522, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 63.7862, 0.3522, 0.3312.

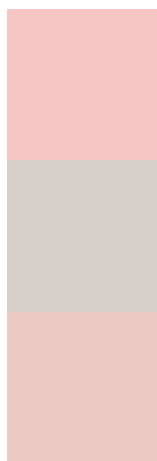


This preview shows how white text looks on a background with the Yxy color 63.7862, 0.3522, 0.3312.

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

63.7862, 0.3522, 0.3312

Protanopia

63.8231, 0.3223, 0.3359

Deuteranopia

63.8434, 0.3441, 0.3367



Tritanopia

63.9572, 0.3423, 0.3134

Trichromacy



Original Color

63.7862, 0.3522, 0.3312

Protanomaly

63.5246, 0.3328, 0.3335

Deuteranomaly

64.0641, 0.3475, 0.3356

Tritanomaly

63.9816, 0.3452, 0.3196

Monochromacy



Original Color

63.7862, 0.3522, 0.3312

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.9292, 0.3264, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7862, 0.3522, 0.3312 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(245, 198, 196)` looks like.

```
.text, #text, p{  
    color:rgb(245, 198, 196)  
}
```

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(245, 198, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 198, 196) }
```

Border

The CSS property to change the border of an element to Yxy 63.7862, 0.3522, 0.3312 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(245, 198, 196) }
```

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

```
.border{ border-color:rgb(245, 198, 196) }
```

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

Here you see how a box with a 4 pixel rgb(245, 198, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 198, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 198, 196);  
box-shadow:4px 4px 4px 4px rgb(245, 198,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7862, 0.3522, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 198, 196) }
```

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

```
.background{ background-color: rgb(245,  
198, 196) }
```

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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