

Converting Colors

Yxy(62.5595, 0.3498, 0.3254)

Have a look what the booklet for
Yxy(62.5595, 0.3498, 0.3254)
contains.

Yxy(62.3868, 0.3495, 0.3248)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(62.3868, 0.3495, 0.3248)

Conversions

Conversions Part 1

Format	Color
Hex	F4C3C7
RGB	244, 195, 199
RGB Percent	96%, 76%, 78%
CMY	0.0432, 0.2353, 0.2195
CMYK	0.00, 0.20, 0.18, 0.04
HSL	355°, 69%, 86%
HSV	355°, 20%, 96%
XYZ	67.1311, 62.3868, 62.5597
YIQ	210.1070, 27.9200, 11.6320

Conversions

Conversions Part 2

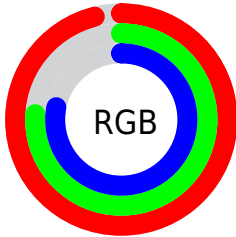
Format	Color
RYB	244, 195, 199
Decimal	16040903
CIELab	83.12, 18.04, 4.63
CIElCh	83, 18.627, 14.382
Yxy	62.3868, 0.3495, 0.3248
Android (android.graphics.Color)	4294230983 (0xFFFF4C3C7)
YUV	210.1070, -5.4758, 29.7242
Hunter-Lab	78.9853, 13.4862, 8.3296

Details

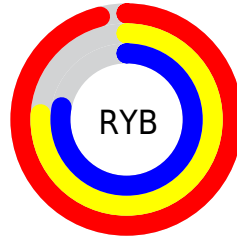
The Yxy color **62.3868, 0.3495, 0.3248** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.5829, 0.2848, 0.3333**, and the grayscale version is **64.5478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **31.6589, 0.3591, 0.3236** is the 20% darker color. If you saturate the color by 10%, you get **51.3693, 0.3749, 0.3226**, and if you desaturate by 10%, it is **75.3493, 0.3291, 0.3270**.

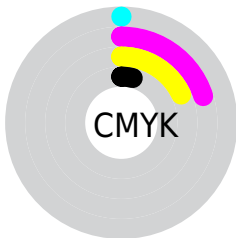
Distribution



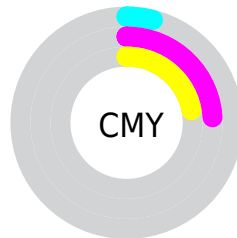
- Red (96%)
- Green (76%)
- Blue (78%)



- Red (96%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (20%)
- Yellow (18%)
- Black (4%)



- Cyan (4%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3868, 0.3495, 0.3248 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 62.3868, 0.3495, 0.3248 by changing the saturation by 10% instead.

 62.3868, 0.3495,
0.3248

 62.3868, 0.3495,
0.3248


433.3406, 0.3319,
0.3270

 45.3453, 0.3537,
0.3242


 108.2844, 0.3433,
0.3256

 31.7295, 0.3589,
0.3235


137.9092, 0.3409,
0.3259

 21.1550, 0.3657,
0.3225


172.4974, 0.3388,
0.3262

 13.2373, 0.3747,
0.3211

212.4331, 0.3371,
0.3264

 7.5922, 0.3875,
0.3190

258.1010, 0.3355,
0.3266

 3.8351, 0.4069,
0.3155


309.8852, 0.3342,

 1.5818, 0.4394,

0.3267

0.3089

368.1703, 0.3330,
0.3269

 0.3453, 0.6590,
0.2960


 0.0000, 0.0000,
0.0000


 62.3868, 0.3495,
0.3248


 62.3868, 0.3495,
0.3248


 51.3693, 0.3749,
0.3226


 75.3493, 0.3291,
0.3270

 42.1951, 0.4061,
0.3204

 90.3352, 0.3128,
0.3290

 34.7658, 0.4436,
0.3187

 97.9701, 0.3060,
0.3290

 28.9709, 0.4867,
0.3176

■ 24.6870, 0.5328,
0.3177

■ 21.7731, 0.5768,
0.3193

■ 20.0618, 0.6118,
0.3225

■ 19.2809, 0.6331,
0.3261

Harmonies

Analogous

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



62.3868, 0.3296, 0.3065



62.3868, 0.3495, 0.3248



62.3868, 0.3593, 0.3448

Triad

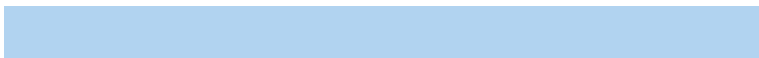
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.3868, 0.3495, 0.3248



62.3868, 0.3185, 0.3677



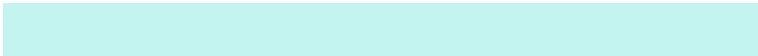
62.3868, 0.2709, 0.2953

Complementary

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



62.3868, 0.3495, 0.3248



82.5829, 0.2848, 0.3333

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.



62.3868, 0.2683, 0.3104



62.3868, 0.3495, 0.3248



62.3868, 0.2951, 0.3532

Square

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



62.3868, 0.3495, 0.3248



62.3868, 0.3408, 0.3705



62.3868, 0.2770, 0.3317



62.3868, 0.2843, 0.2896

Rectangle

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



62.3868, 0.3495, 0.3248



62.3868, 0.3586, 0.3567



62.3868, 0.2770, 0.3317



62.3868, 0.2688, 0.2994

Sweetspot

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



62.3896, 0.3495, 0.3248



89.7521, 0.3221, 0.3278



64.0729, 0.3120, 0.2786



18.9826, 0.3232, 0.3277



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.



62.3896, 0.3495, 0.3248



63.8705, 0.3589, 0.3239



71.9830, 0.3486, 0.3506



16.5046, 0.3281, 0.3271



10.4933, 0.6311, 0.3250



0.9297, 0.6109, 0.3139

Inverse Universe

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



62.3896, 0.3495, 0.3248



63.8705, 0.3589, 0.3239



71.2182, 0.2812, 0.3064



16.5046, 0.3281, 0.3271



10.4933, 0.6311, 0.3250



0.9297, 0.6109, 0.3139

Previews

White Background



This preview shows how the Yxy color 62.3868, 0.3495, 0.3248 looks on a white background.

Color Contrast Check

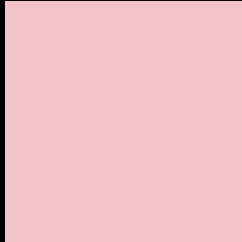
Large Text (above 18pt) WCAG AA × Fail

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 62.3868, 0.3495, 0.3248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

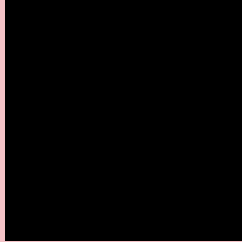
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3868, 0.3495, 0.3248

Background



This preview shows how black text looks on a background with the Yxy color 62.3868, 0.3495, 0.3248.



This preview shows how white text looks on a background with the Yxy color 62.3868, 0.3495, 0.3248.

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

62.3868, 0.3495, 0.3248

Protanopia

62.3993, 0.3172, 0.3302

Deuteranopia

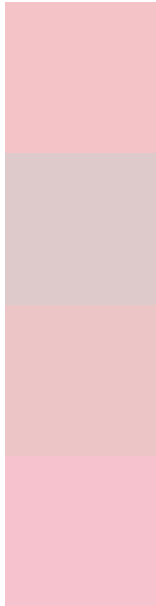
62.3747, 0.3389, 0.3313



Tritanopia

62.5995, 0.3425, 0.3132

Trichromacy



Original Color

62.3868, 0.3495, 0.3248

Protanomaly

62.2408, 0.3284, 0.3279

Deuteranomaly

62.2983, 0.3433, 0.3291

Tritanomaly

62.4038, 0.3457, 0.3174

Monochromacy



Original Color

62.3868, 0.3495, 0.3248

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.6485, 0.3251, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3868, 0.3495, 0.3248 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, 195, 199)` looks like.

```
.text, #text, p{  
  color:rgb(244, 195, 199)  
}
```

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, 195, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 195, 199) }
```

Border

The CSS property to change the border of an element to Yxy 62.3868, 0.3495, 0.3248 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, 195, 199) }
```

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

```
.border{ border-color:rgb(244, 195, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 195, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 195, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 195, 199);  
box-shadow:4px 4px 4px 4px rgb(244, 195,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3868, 0.3495, 0.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 195, 199) }
```

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

```
.background{ background-color: rgb(244,  
195, 199) }
```

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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