

Converting Colors

$Yxy(61.4202, 0.3490, 0.3240)$

Have a look what the booklet for
Yxy(61.4202, 0.3490, 0.3240)
contains.

Yxy(61.5380, 0.3489, 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(61.5380, 0.3489, 0.3248)

Conversions

Conversions Part 1

Format	Color
Hex	F2C2C6
RGB	242, 194, 198
RGB Percent	95%, 76%, 78%
CMY	0.0510, 0.2392, 0.2235
CMYK	0.00, 0.20, 0.18, 0.05
HSL	355°, 65%, 85%
HSV	355°, 20%, 95%
XYZ	66.1041, 61.5380, 61.8222
YIQ	208.8080, 27.3240, 11.4200

Conversions

Conversions Part 2

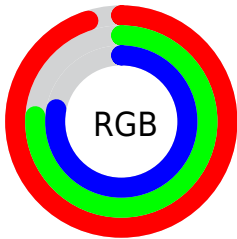
Format	Color
R _Y B	242, 194, 198
Decimal	15909574
CIE Lab	82.67, 17.71, 4.50
CIE LCh	83, 18.271, 14.271
Yxy	61.5380, 0.3489, 0.3248
Android (android.graphics.Color)	4294099654 (0xFFFF2C2C6)
YUV	208.8080, -5.3283, 29.1094
Hunter-Lab	78.4462, 13.1355, 8.1868

Details

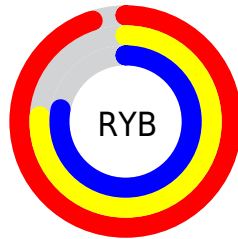
The Yxy color **61.5380, 0.3489, 0.3248** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.1501, 0.2852, 0.3333**, and the grayscale version is **63.6528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **31.0841, 0.3583, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **50.6814, 0.3741, 0.3226**, and if you desaturate by 10%, it is **74.3042, 0.3287, 0.3270**.

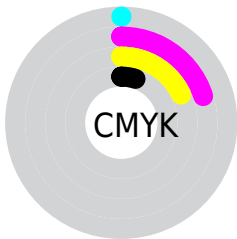
Distribution



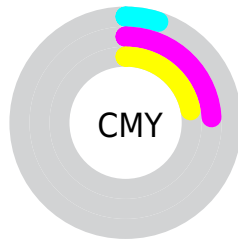
- Red (95%)
- Green (76%)
- Blue (78%)



- Red (95%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (20%)
- Yellow (18%)
- Black (5%)




- Cyan (5%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5380, 0.3489, 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 61.5380, 0.3489, 0.3248 by changing the saturation by 10% instead.


 61.5380, 0.3489,
0.3248

 61.5380, 0.3489,
0.3248

430.2439, 0.3315,
0.3270

 44.6595, 0.3530,
0.3242

 107.0575, 0.3428,
0.3256

 31.1893, 0.3582,
0.3235


136.4674, 0.3404,
0.3259

 20.7430, 0.3649,
0.3225


170.8231, 0.3384,
0.3262

 12.9363, 0.3739,
0.3211

210.5091, 0.3366,
0.3264

 7.3847, 0.3866,
0.3190

255.9098, 0.3351,
0.3266

 3.7038, 0.4060,
0.3155


307.4095, 0.3338,

 1.5093, 0.4387,


0.3267


0.3088

365.3928, 0.3326,
0.3269


 0.2953, 0.7025,
0.2910

 0.0000, 0.0000,
0.0000

 61.5380, 0.3489,
0.3248


 61.5380, 0.3489,
0.3248


 50.6814, 0.3741,
0.3226


 74.3042, 0.3287,
0.3270

 41.6347, 0.4051,
0.3204

 89.0567, 0.3125,
0.3290

 34.3019, 0.4424,
0.3186

 97.6181, 0.3048,
0.3290

 28.5748, 0.4853,
0.3174

■ 24.3329, 0.5314,
0.3175

■ 21.4386, 0.5754,
0.3191

■ 19.7288, 0.6108,
0.3223

■ 18.9392, 0.6326,
0.3260

■ 18.9292, 0.6329,
0.3260

Harmonies

Analogous

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



61.5380, 0.3292, 0.3067



61.5380, 0.3489, 0.3248



61.5380, 0.3586, 0.3445

Triad

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



61.5380, 0.3489, 0.3248



61.5380, 0.3185, 0.3671



61.5380, 0.2715, 0.2958

Complementary

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



61.5380, 0.3489, 0.3248



81.1501, 0.2852, 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.



61.5380, 0.2689, 0.3108



61.5380, 0.3489, 0.3248



61.5380, 0.2955, 0.3529

Square

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



61.5380, 0.3489, 0.3248



61.5380, 0.3405, 0.3699



61.5380, 0.2776, 0.3318



61.5380, 0.2846, 0.2902

Rectangle

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



61.5380, 0.3489, 0.3248



61.5380, 0.3579, 0.3562



61.5380, 0.2776, 0.3318



61.5380, 0.2694, 0.2999

Sweetspot

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



61.5408, 0.3489, 0.3248



89.7531, 0.3221, 0.3278



63.0361, 0.3114, 0.2791



18.9828, 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.



61.5408, 0.3489, 0.3248



63.8735, 0.3589, 0.3239



70.4646, 0.3482, 0.3495



15.7802, 0.3280, 0.3271



10.1764, 0.6309, 0.3249



0.8539, 0.6094, 0.3131

Inverse Universe

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



61.5408, 0.3489, 0.3248



63.8735, 0.3589, 0.3239



70.5518, 0.2817, 0.3076



15.7802, 0.3280, 0.3271



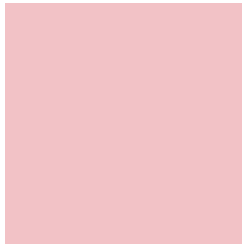
10.1764, 0.6309, 0.3249



0.8539, 0.6094, 0.3131

Previews

White Background



This preview shows how the Yxy color 61.5380, 0.3489, 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 61.5380, 0.3489, 0.3248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

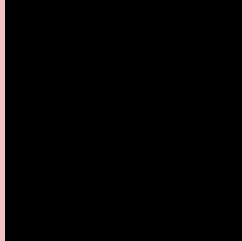
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.5380, 0.3489, 0.3248

Background



This preview shows how black text looks on a background with the Yxy color 61.5380, 0.3489, 0.3248.



This preview shows how white text looks on a background with the Yxy color 61.5380, 0.3489, 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

61.5380, 0.3489, 0.3248

Protanopia

61.7239, 0.3172, 0.3302

Deuteranopia

61.5361, 0.3382, 0.3313



Tritanopia

61.6996, 0.3427, 0.3142

Trichromacy



Original Color

61.5380, 0.3489, 0.3248

Protanomaly

61.5672, 0.3285, 0.3279

Deuteranomaly

61.4561, 0.3426, 0.3291

Tritanomaly

61.5542, 0.3451, 0.3173

Monochromacy



Original Color

61.5380, 0.3489, 0.3248

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.9657, 0.3251, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5380, 0.3489, 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(242, 194, 198)` looks like.

```
.text, #text, p{  
    color:rgb(242, 194, 198)  
}
```

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, 194, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 194, 198) }
```

Border

The CSS property to change the border of an element to Yxy 61.5380, 0.3489, 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(242, 194, 198) }
```

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

```
.border{ border-color:rgb(242, 194, 198) }
```

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

Here you see how a box with a 4 pixel rgb(242, 194, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 194, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 194, 198);  
box-shadow:4px 4px 4px 4px rgb(242, 194,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5380, 0.3489, 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(242, 194, 198) }
```

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

```
.background{ background-color: rgb(242,  
194, 198) }
```

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