

Converting Colors

Yxy(61.1710, 0.3593, 0.3319)

Have a look what the booklet for
Yxy(61.1710, 0.3593, 0.3319)
contains.

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Color

Yxy(61.0098, 0.3592, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	F6C0BE
RGB	246, 192, 190
RGB Percent	96%, 75%, 75%
CMY	0.0353, 0.2470, 0.2550
CMYK	0.00, 0.22, 0.23, 0.04
HSL	2°, 76%, 85%
HSV	2°, 23%, 96%
XYZ	66.1477, 61.0098, 56.9953
YIQ	207.9180, 32.8260, 10.8260

Conversions

Conversions Part 2

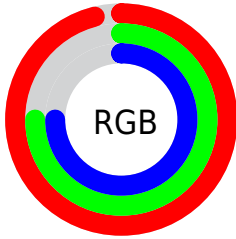
Format	Color
R _Y B	246, 192, 190
Decimal	16171198
CIE Lab	82.38, 19.02, 8.44
CIE LCh	82, 20.814, 23.932
Yxy	61.0098, 0.3592, 0.3313
Android (android.graphics.Color)	4294361278 (0xFFFF6C0BE)
YUV	207.9180, -8.8336, 33.3979
Hunter-Lab	78.1088, 14.4752, 11.4128

Details

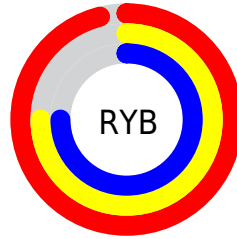
The Yxy color **61.0098, 0.3592, 0.3313** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.2840, 0.2788, 0.3267**, and the grayscale version is **63.0640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6652, 0.3183, 0.3319**, and **30.8019, 0.3712, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **50.4385, 0.3881, 0.3324**, and if you desaturate by 10%, it is **73.4455, 0.3359, 0.3302**.

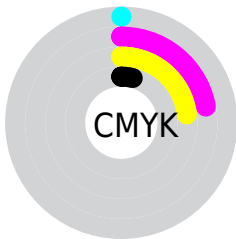
Distribution



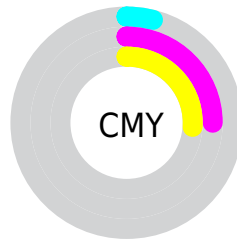
- Red (96%)
- Green (75%)
- Blue (75%)



- Red (96%)
- Yellow (75%)
- Blue (75%)



- Cyan (0%)
- Magenta (22%)
- Yellow (23%)
- Black (4%)




- Cyan (4%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0098, 0.3592, 0.3313 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 61.0098, 0.3592, 0.3313 by changing the saturation by 10% instead.

 61.0098, 0.3592,
0.3313

 61.0098, 0.3592,
0.3313


428.3099, 0.3368,
0.3306

 44.2331, 0.3645,
0.3314

 106.2931, 0.3513,
0.3311

 30.8538, 0.3713,
0.3314


135.5685, 0.3482,
0.3310

 20.4875, 0.3799,
0.3314


169.7789, 0.3456,
0.3309

 12.7499, 0.3916,
0.3311

209.3087, 0.3434,
0.3309

 7.2566, 0.4082,
0.3305

254.5423, 0.3414,
0.3308

 3.6231, 0.4333,
0.3289

305.8642, 0.3397,

 1.4650, 0.4757,

0.3307

0.3244

363.6586, 0.3382,
0.3306

0.2639, 0.7305,
0.2695

0.0000, 0.0000,
0.0000

61.0098, 0.3592,
0.3313

61.0098, 0.3592,
0.3313

50.4385, 0.3881,
0.3324

73.4455, 0.3359,
0.3302

41.6341, 0.4234,
0.3334

87.8205, 0.3172,
0.3293

34.5025, 0.4650,
0.3343

98.3324, 0.3072,
0.3290

28.9380, 0.5115,
0.3348

■ 24.8226, 0.5586,
0.3347

■ 22.0218, 0.5996,
0.3338

■ 20.3757, 0.6275,
0.3323

■ 19.7854, 0.6382,
0.3314

Harmonies

Analogous

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



61.0098, 0.3397, 0.3098



61.0098, 0.3592, 0.3313



61.0098, 0.3657, 0.3532

Triad

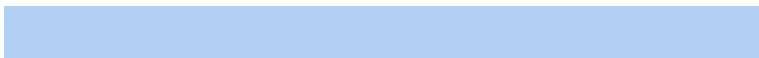
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.0098, 0.3592, 0.3313



61.0098, 0.3105, 0.3688



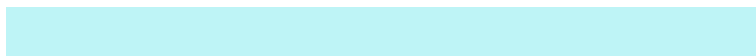
61.0098, 0.2694, 0.2879

Complementary

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



61.0098, 0.3592, 0.3313



82.2840, 0.2788, 0.3267

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.



61.0098, 0.2625, 0.3015



61.0098, 0.3592, 0.3313



61.0098, 0.2855, 0.3490

Square

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



61.0098, 0.3592, 0.3313



61.0098, 0.3368, 0.3764



61.0098, 0.2682, 0.3238



61.0098, 0.2876, 0.2852

Rectangle

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



61.0098, 0.3592, 0.3313



61.0098, 0.3616, 0.3654



61.0098, 0.2682, 0.3238



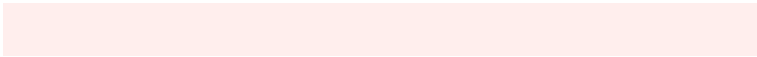
61.0098, 0.2657, 0.2913

Sweetspot

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



61.0126, 0.3592, 0.3313



88.4130, 0.3246, 0.3297



62.9522, 0.3167, 0.2740



18.7209, 0.3258, 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.



61.0126, 0.3592, 0.3313



61.0513, 0.3708, 0.3318



74.4213, 0.3528, 0.3604



16.5784, 0.3293, 0.3299



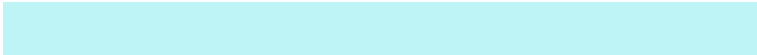
10.6039, 0.6375, 0.3320



0.9652, 0.6310, 0.3372

Inverse Universe

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



82.2840, 0.2788, 0.3267



87.6205, 0.2729, 0.3262



66.7741, 0.2763, 0.2954



18.6490, 0.2981, 0.3281



35.9613, 0.2216, 0.3177



3.1922, 0.2220, 0.3192

Previews

White Background



This preview shows how the Yxy color 61.0098, 0.3592, 0.3313 looks on a white background.

Color Contrast Check

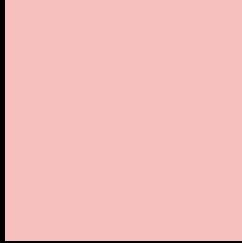
Large Text (above 18pt) WCAG AA × Fail

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 61.0098, 0.3592, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

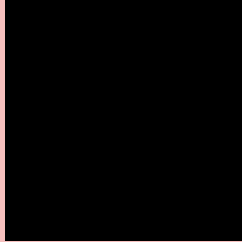
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0098, 0.3592, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 61.0098, 0.3592, 0.3313.

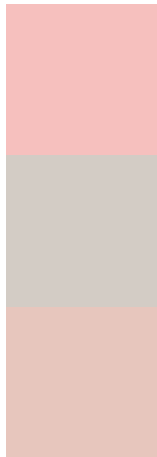


This preview shows how white text looks on a background with the Yxy color 61.0098, 0.3592, 0.3313.

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

61.0098, 0.3592, 0.3313

Protanopia

61.0658, 0.3232, 0.3371

Deuteranopia

61.0512, 0.3462, 0.3391



Tritanopia

61.1430, 0.3497, 0.3143

Trichromacy



Original Color

61.0098, 0.3592, 0.3313

Protanomaly

61.0509, 0.3363, 0.3358

Deuteranomaly

60.9868, 0.3508, 0.3368

Tritanomaly

61.1593, 0.3528, 0.3206

Monochromacy



Original Color

61.0098, 0.3592, 0.3313

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.9877, 0.3291, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0098, 0.3592, 0.3313 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, 192, 190)` looks like.

```
.text, #text, p{  
    color:rgb(246, 192, 190)  
}
```

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, 192, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 192, 190) }
```

Border

The CSS property to change the border of an element to Yxy 61.0098, 0.3592, 0.3313 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, 192, 190) }
```

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

```
.border{ border-color:rgb(246, 192, 190) }
```

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

Here you see how a box with a 4 pixel rgb(246, 192, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 192, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 192, 190);  
box-shadow:4px 4px 4px 4px rgb(246, 192,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0098, 0.3592, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 192, 190) }
```

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

```
.background{ background-color: rgb(246,  
192, 190) }
```

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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