

Converting Colors

Yxy(61.1430, 0.3497, 0.3143)

Have a look what the booklet for
Yxy(61.1430, 0.3497, 0.3143)
contains.

| | |
|---|----|
| Yxy(61.1430, 0.3497, 0.3143) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(61.1430, 0.3497, 0.3143)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F8BECC |
| RGB | 248, 190, 204 |
| RGB Percent | 97%, 75%, 80% |
| CMY | 0.0274, 0.2549, 0.1999 |
| CMYK | 0.00, 0.23, 0.18, 0.03 |
| HSL | 345°, 81%, 86% |
| HSV | 345°, 23%, 97% |
| XYZ | 68.0296, 61.1430, 65.3645 |
| YIQ | 208.9380, 30.0740, 16.6500 |

Conversions

Conversions Part 2

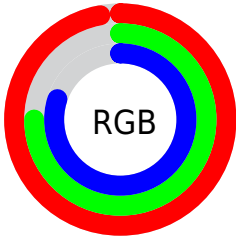
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 248, 190, 204 |
| Decimal | 16301772 |
| CIE Lab | 82.46, 22.88, 1.03 |
| CIE LCh | 82, 22.902, 2.589 |
| Yxy | 61.1430, 0.3497, 0.3143 |
| Android (android.graphics.Color) | 4294491852 (0xFFF8BECC) |
| YUV | 208.9380, -2.4344, 34.2574 |
| Hunter-Lab | 78.1940, 18.4574, 5.1737 |

Details

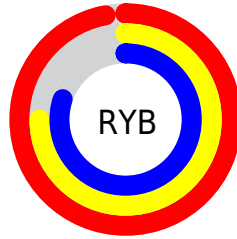
The Yxy color **61.1430, 0.3497, 0.3143** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.0267, 0.2854, 0.3443**, and the grayscale version is **63.7226, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **30.8867, 0.3593, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **50.4525, 0.3719, 0.3076**, and if you desaturate by 10%, it is **73.7758, 0.3316, 0.3208**.

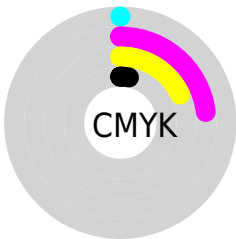
Distribution



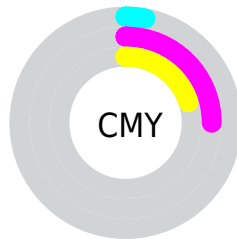
- Red (97%)
- Green (75%)
- Blue (80%)



- Red (97%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (23%)
- Yellow (18%)
- Black (3%)





- Cyan (3%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1430, 0.3497, 0.3143 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 61.1430, 0.3497, 0.3143 by changing the saturation by 10% instead.


 61.1430, 0.3497,
0.3143

 61.1430, 0.3497,
0.3143


428.7981, 0.3320,
0.3214

 44.3406, 0.3539,
0.3126


 106.4860, 0.3434,
0.3168

 30.9384, 0.3591,
0.3105


135.7953, 0.3410,
0.3178

 20.5519, 0.3659,
0.3077


170.0424, 0.3390,
0.3186

 12.7969, 0.3750,
0.3040

209.6116, 0.3372,
0.3193

 7.2888, 0.3879,
0.2988

254.8875, 0.3357,
0.3199

 3.6434, 0.4073,
0.2907


306.2542, 0.3343,

 1.4761, 0.4399,


0.3205


0.2771


364.0963, 0.3331,
0.3210

 0.2718, 0.6224,
0.2071

 0.0000, 0.0000,
0.0000

 61.1430, 0.3497,
0.3143


 61.1430, 0.3497,
0.3143


 50.4525, 0.3719,
0.3076


 73.7758, 0.3316,
0.3208

 41.5997, 0.3988,
0.3013

 88.4323, 0.3170,
0.3270

 34.4826, 0.4308,
0.2958

 98.6983, 0.3084,
0.3290

 28.9859, 0.4675,
0.2921

■ 24.9805, 0.5070,
0.2913

■ 22.3169, 0.5463,
0.2944

■ 20.8141, 0.5809,
0.3016

■ 20.2846, 0.5996,
0.3077

Harmonies

Analogous

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



61.1430, 0.3218, 0.2943



61.1430, 0.3497, 0.3143



61.1430, 0.3676, 0.3385

Triad

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



61.1430, 0.3497, 0.3143



61.1430, 0.3310, 0.3805



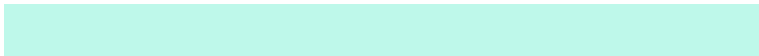
61.1430, 0.2585, 0.2932

Complementary

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



61.1430, 0.3497, 0.3143



84.0267, 0.2854, 0.3443

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.



61.1430, 0.2607, 0.3154



61.1430, 0.3497, 0.3143



61.1430, 0.3017, 0.3678

Square

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



61.1430, 0.3497, 0.3143



61.1430, 0.3562, 0.3775



61.1430, 0.2762, 0.3432



61.1430, 0.2698, 0.2818

Rectangle

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



61.1430, 0.3497, 0.3143



61.1430, 0.3710, 0.3544



61.1430, 0.2762, 0.3432



61.1430, 0.2577, 0.2996

Sweetspot

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



61.1458, 0.3497, 0.3143



88.2942, 0.3220, 0.3248



61.0132, 0.3044, 0.2687



18.6936, 0.3228, 0.3244



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.



61.1458, 0.3497, 0.3143



59.5863, 0.3595, 0.3112



67.1003, 0.3579, 0.3444



17.2941, 0.3256, 0.3233



10.9751, 0.5958, 0.3056



1.0324, 0.5629, 0.2874

Inverse Universe

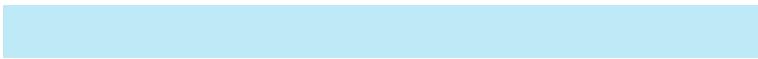
The Inverse Universe completely reimagines the original color for something new.



61.1458, 0.3497, 0.3143



59.5863, 0.3595, 0.3112



76.2901, 0.2768, 0.3130



17.2941, 0.3256, 0.3233



10.9751, 0.5958, 0.3056



1.0324, 0.5629, 0.2874

Previews

White Background



This preview shows how the Yxy color 61.1430, 0.3497, 0.3143 looks on a white background.

Color Contrast Check

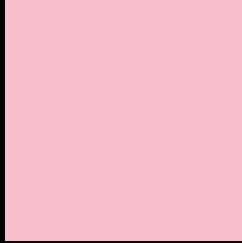
Large Text (above 18pt) WCAG AA × Fail

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 61.1430, 0.3497, 0.3143 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 61.1430, 0.3497, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 61.1430, 0.3497, 0.3143.



This preview shows how white text looks on a background with the Yxy color 61.1430, 0.3497, 0.3143.

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

61.1430, 0.3497, 0.3143

Protanopia

61.2046, 0.3094, 0.3198

Deuteranopia

61.2799, 0.3319, 0.3257



Tritanopia

61.1911, 0.3489, 0.3133

Trichromacy



Original Color

61.1430, 0.3497, 0.3143

Protanomaly

60.9799, 0.3234, 0.3178

Deuteranomaly

61.2841, 0.3380, 0.3214

Tritanomaly

61.1911, 0.3489, 0.3133

Monochromacy



Original Color

61.1430, 0.3497, 0.3143

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.4340, 0.3254, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1430, 0.3497, 0.3143 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(248, 190, 204)` looks like.

```
.text, #text, p{  
    color:rgb(248, 190, 204)  
}
```

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(248, 190, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 190, 204) }
```

Border

The CSS property to change the border of an element to Yxy 61.1430, 0.3497, 0.3143 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(248, 190, 204) }
```

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

```
.border{ border-color:rgb(248, 190, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 190, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 190, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 190, 204);  
box-shadow:4px 4px 4px 4px rgb(248, 190,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1430, 0.3497, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 190, 204) }
```

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

```
.background{ background-color: rgb(248,  
190, 204) }
```

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