

Converting Colors

$Yxy(57.7203, 0.3487, 0.3161)$

Have a look what the booklet for
Yxy(57.7203, 0.3487, 0.3161)
contains.

| | |
|---|----|
| Yxy(57.7203, 0.3487, 0.3161) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(57.7203, 0.3487, 0.3161)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F0BAC6 |
| RGB | 240, 186, 198 |
| RGB Percent | 94%, 73%, 78% |
| CMY | 0.0590, 0.2705, 0.2235 |
| CMYK | 0.00, 0.22, 0.17, 0.06 |
| HSL | 347°, 64%, 84% |
| HSV | 347°, 22%, 94% |
| XYZ | 63.6731, 57.7203, 61.2080 |
| YIQ | 203.5140, 28.3320, 15.1800 |

Conversions

Conversions Part 2

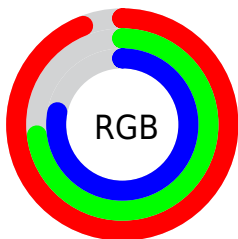
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 240, 186, 198 |
| Decimal | 15776454 |
| CIE Lab | 80.58, 21.19, 1.46 |
| CIE LCh | 81, 21.242, 3.944 |
| Yxy | 57.7203, 0.3487, 0.3161 |
| Android (android.graphics.Color) | 4293966534 (0xFFFF0BAC6) |
| YUV | 203.5140, -2.7184, 31.9982 |
| Hunter-Lab | 75.9739, 16.6452, 5.4150 |

Details

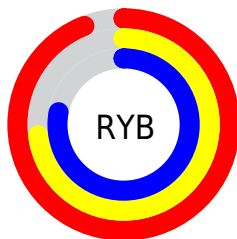
The Yxy color **57.7203, 0.3487, 0.3161** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.3320, 0.2859, 0.3424**, and the grayscale version is **60.0646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **28.8560, 0.3581, 0.3136** is the 20% darker color. If you saturate the color by 10%, you get **47.6366, 0.3710, 0.3100**, and if you desaturate by 10%, it is **69.6131, 0.3306, 0.3221**.

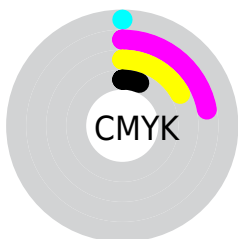
Distribution



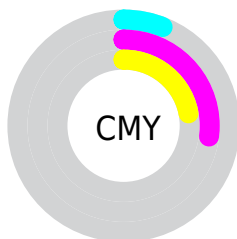
- Red (94%)
- Green (73%)
- Blue (78%)



- Red (94%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (22%)
- Yellow (17%)
- Black (6%)



- Cyan (6%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7203, 0.3487, 0.3161 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 57.7203, 0.3487, 0.3161 by changing the saturation by 10% instead.

 57.7203, 0.3487,
0.3161

 57.7203, 0.3487,
0.3161


416.1429, 0.3313,
0.3224

 41.5838, 0.3529,
0.3146


 101.5154, 0.3425,
0.3184

 28.7756, 0.3581,
0.3126


129.9429, 0.3401,
0.3192

 18.9111, 0.3650,
0.3101


163.2361, 0.3381,
0.3199

 11.6061, 0.3742,
0.3067

201.7796, 0.3364,
0.3206

 6.4760, 0.3874,
0.3017

245.9575, 0.3349,
0.3211

 3.1366, 0.4078,
0.2939


296.1545, 0.3335,

 1.2035, 0.4430,

0.3216


0.2802

352.7548, 0.3324,
0.3220


 0.0645, 0.8997,
0.1003


 0.0000, 0.0000,
0.0000


 57.7203, 0.3487,
0.3161


 57.7203, 0.3487,
0.3161


 47.6366, 0.3710,
0.3100


 69.6131, 0.3306,
0.3221


 39.2654, 0.3982,
0.3041

 83.3894, 0.3159,
0.3277

 32.5133, 0.4306,
0.2990

 97.1920, 0.3041,
0.3299

 27.2748, 0.4678,
0.2956

 97.2560, 0.3035,
0.3290

■ 23.4316, 0.5082,
0.2948

■ 20.8478, 0.5484,
0.2975

■ 19.3598, 0.5837,
0.3041

■ 18.7754, 0.6050,
0.3107

Harmonies

Analogous

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



57.7203, 0.3227, 0.2968



57.7203, 0.3487, 0.3161



57.7203, 0.3650, 0.3391

Triad

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



57.7203, 0.3487, 0.3161



57.7203, 0.3289, 0.3774



57.7203, 0.2615, 0.2945

Complementary

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



57.7203, 0.3487, 0.3161



78.3320, 0.2859, 0.3424

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.



57.7203, 0.2631, 0.3151



57.7203, 0.3487, 0.3161



57.7203, 0.3012, 0.3648

Square

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



57.7203, 0.3487, 0.3161



57.7203, 0.3530, 0.3753



57.7203, 0.2773, 0.3413



57.7203, 0.2729, 0.2841

Rectangle

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



57.7203, 0.3487, 0.3161



57.7203, 0.3678, 0.3541



57.7203, 0.2773, 0.3413



57.7203, 0.2606, 0.3004

Sweetspot

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



57.7229, 0.3487, 0.3161



88.2728, 0.3222, 0.3252



57.8085, 0.3055, 0.2714



18.6886, 0.3231, 0.3248



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.



57.7229, 0.3487, 0.3161



60.6784, 0.3584, 0.3133



63.5597, 0.3554, 0.3447



15.8163, 0.3258, 0.3238



10.2994, 0.6013, 0.3086



0.8713, 0.5652, 0.2887

Inverse Universe

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



57.7229, 0.3487, 0.3161



60.6784, 0.3584, 0.3133



70.8893, 0.2781, 0.3127



15.8163, 0.3258, 0.3238



10.2994, 0.6013, 0.3086



0.8713, 0.5652, 0.2887

Previews

White Background



This preview shows how the Yxy color 57.7203, 0.3487, 0.3161 looks on a white background.

Color Contrast Check

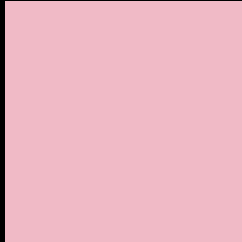
Large Text (above 18pt) WCAG AA × Fail

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 57.7203, 0.3487, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

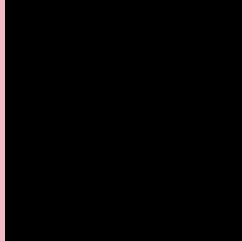
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.7203, 0.3487, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 57.7203, 0.3487, 0.3161.



This preview shows how white text looks on a background with the Yxy color 57.7203, 0.3487, 0.3161.

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

57.7203, 0.3487, 0.3161

Protanopia

57.8596, 0.3100, 0.3207

Deuteranopia

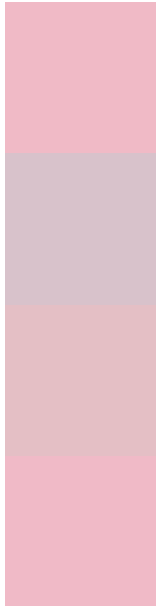
57.9869, 0.3324, 0.3256



Tritanopia

57.8132, 0.3471, 0.3139

Trichromacy



Original Color

57.7203, 0.3487, 0.3161

Protanomaly

57.4943, 0.3237, 0.3187

Deuteranomaly

57.7868, 0.3386, 0.3223

Tritanomaly

57.7666, 0.3479, 0.3150

Monochromacy



Original Color

57.7203, 0.3487, 0.3161

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

58.9485, 0.3249, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7203, 0.3487, 0.3161 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(240, 186, 198)` looks like.

```
.text, #text, p{  
    color:rgb(240, 186, 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(240, 186, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 186, 198) }
```

Border

The CSS property to change the border of an element to Yxy 57.7203, 0.3487, 0.3161 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(240, 186, 198) }
```

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

```
.border{ border-color:rgb(240, 186, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 186, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 186, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 186, 198);  
box-shadow:4px 4px 4px 4px rgb(240, 186,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7203, 0.3487, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 186, 198) }
```

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

```
.background{ background-color: rgb(240,  
186, 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