

Converting Colors

Yxy(60.6681, 0.3507, 0.3143)

Have a look what the booklet for
Yxy(60.6681, 0.3507, 0.3143)
contains.

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Color

Yxy(60.6634, 0.3507, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	F8BDCB
RGB	248, 189, 203
RGB Percent	97%, 74%, 80%
CMY	0.0275, 0.2588, 0.2038
CMYK	0.00, 0.24, 0.18, 0.03
HSL	346°, 81%, 86%
HSV	346°, 24%, 97%
XYZ	67.6890, 60.6634, 64.6587
YIQ	208.2370, 30.6700, 16.8620

Conversions

Conversions Part 2

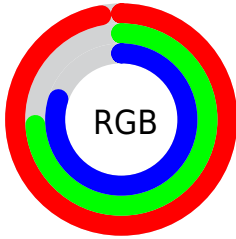
Format	Color
R _Y B	248, 189, 203
Decimal	16301515
CIE Lab	82.20, 23.24, 1.20
CIE LCh	82, 23.275, 2.953
Yxy	60.6634, 0.3507, 0.3143
Android (android.graphics.Color)	4294491595 (0xFFF8BDCB)
YUV	208.2370, -2.5818, 34.8722
Hunter-Lab	77.8867, 18.8272, 5.3003

Details

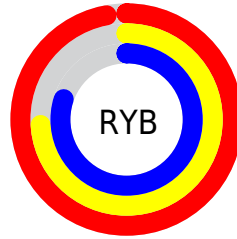
The Yxy color **60.6634, 0.3507, 0.3143** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.8888, 0.2848, 0.3443**, and the grayscale version is **63.2427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **30.5742, 0.3608, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **50.0461, 0.3732, 0.3078**, and if you desaturate by 10%, it is **73.2202, 0.3324, 0.3207**.

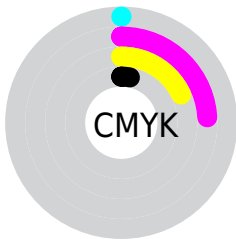
Distribution



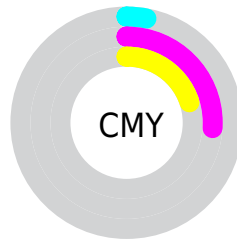
- Red (97%)
- Green (74%)
- Blue (80%)



- Red (97%)
- Yellow (74%)
- Blue (80%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (3%)





- Cyan (3%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6634, 0.3507, 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 60.6634, 0.3507, 0.3143 by changing the saturation by 10% instead.

 60.6634, 0.3507,
0.3143

 60.6634, 0.3507,
0.3143


427.0387, 0.3325,
0.3214

 43.9536, 0.3550,
0.3126


 105.7914, 0.3443,
0.3168

 30.6340, 0.3604,
0.3105


134.9784, 0.3418,
0.3178

 20.3203, 0.3674,
0.3077


169.0932, 0.3397,
0.3186

 12.6281, 0.3769,
0.3039

208.5203, 0.3379,
0.3193

 7.1730, 0.3901,
0.2986

253.6440, 0.3363,
0.3199

 3.5705, 0.4103,
0.2904

304.8487, 0.3349,

 1.4363, 0.4442,

0.3205

0.2765

362.5188, 0.3336,
0.3210

0.2433, 0.6530,
0.1989

0.0000, 0.0000,
0.0000

60.6634, 0.3507,
0.3143

60.6634, 0.3507,
0.3143

50.0461, 0.3732,
0.3078

73.2202, 0.3324,
0.3207

41.2633, 0.4005,
0.3015

87.7981, 0.3176,
0.3268

34.2127, 0.4329,
0.2962

98.6951, 0.3084,
0.3290

28.7784, 0.4699,
0.2927

■ 24.8305, 0.5098,
0.2921

■ 22.2184, 0.5491,
0.2954

■ 20.7596, 0.5834,
0.3027

■ 20.2704, 0.6009,
0.3084

Harmonies

Analogous

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



60.6634, 0.3224, 0.2938



60.6634, 0.3507, 0.3143



60.6634, 0.3688, 0.3389

Triad

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



60.6634, 0.3507, 0.3143



60.6634, 0.3310, 0.3815



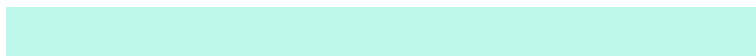
60.6634, 0.2575, 0.2923

Complementary

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



60.6634, 0.3507, 0.3143



83.8888, 0.2848, 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.



60.6634, 0.2597, 0.3148



60.6634, 0.3507, 0.3143



60.6634, 0.3012, 0.3684

Square

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



60.6634, 0.3507, 0.3143



60.6634, 0.3568, 0.3786



60.6634, 0.2753, 0.3431



60.6634, 0.2692, 0.2809

Rectangle

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



60.6634, 0.3507, 0.3143



60.6634, 0.3721, 0.3551



60.6634, 0.2753, 0.3431



60.6634, 0.2567, 0.2988

Sweetspot

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



60.6662, 0.3507, 0.3143



88.2897, 0.3220, 0.3249



60.5398, 0.3042, 0.2676



18.6925, 0.3229, 0.3245



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.



60.6662, 0.3507, 0.3143



58.4344, 0.3620, 0.3109



66.6979, 0.3588, 0.3447



17.2928, 0.3256, 0.3234



10.9689, 0.5971, 0.3063



1.0317, 0.5643, 0.2882

Inverse Universe

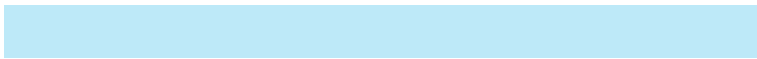
The Inverse Universe completely reimagines the original color for something new.



60.6662, 0.3507, 0.3143



58.4344, 0.3620, 0.3109



76.0138, 0.2762, 0.3127



17.2928, 0.3256, 0.3234



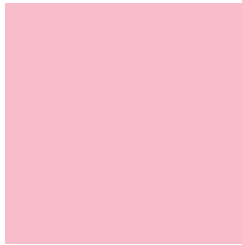
10.9689, 0.5971, 0.3063



1.0317, 0.5643, 0.2882

Previews

White Background



This preview shows how the Yxy color 60.6634, 0.3507, 0.3143 looks on a white background.

Color Contrast Check

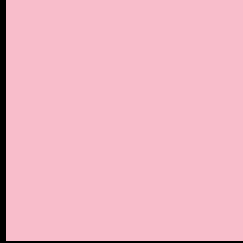
Large Text (above 18pt) WCAG AA × Fail

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 60.6634, 0.3507, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

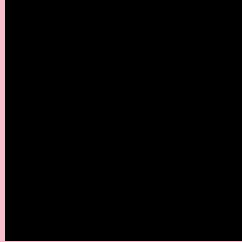
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6634, 0.3507, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 60.6634, 0.3507, 0.3143.

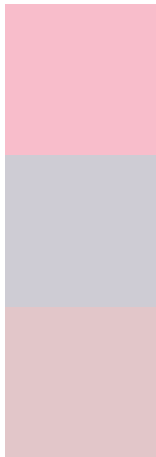


This preview shows how white text looks on a background with the Yxy color 60.6634, 0.3507, 0.3143.

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

60.6634, 0.3507, 0.3143

Protanopia

61.0610, 0.3086, 0.3198

Deuteranopia

60.7740, 0.3328, 0.3257



Tritanopia

60.7113, 0.3499, 0.3133

Trichromacy



Original Color

60.6634, 0.3507, 0.3143

Protanomaly

60.8224, 0.3227, 0.3178

Deuteranomaly

60.7869, 0.3390, 0.3214

Tritanomaly

60.7113, 0.3499, 0.3133

Monochromacy



Original Color

60.6634, 0.3507, 0.3143

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.9175, 0.3263, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6634, 0.3507, 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, 189, 203)` looks like.

```
.text, #text, p{  
    color:rgb(248, 189, 203)  
}
```

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, 189, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 189, 203) }
```

Border

The CSS property to change the border of an element to Yxy 60.6634, 0.3507, 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, 189, 203) }
```

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

```
.border{ border-color:rgb(248, 189, 203) }
```

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

Here you see how a box with a 4 pixel rgb(248, 189, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 189, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 189, 203);  
box-shadow:4px 4px 4px 4px rgb(248, 189,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6634, 0.3507, 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, 189, 203) }
```

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

```
.background{ background-color: rgb(248,  
189, 203) }
```

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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