

Converting Colors

$Y_{xy}(60.8565, 0.3438, 0.3117)$

Have a look what the booklet for
Yxy(60.8565, 0.3438, 0.3117)
contains.

Yxy(60.9997, 0.3438, 0.3121)	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(60.9997, 0.3438, 0.3121)

Conversions

Conversions Part 1

Format	Color
Hex	F4BFCF
RGB	244, 191, 207
RGB Percent	96%, 75%, 81%
CMY	0.0432, 0.2509, 0.1883
CMYK	0.00, 0.22, 0.15, 0.04
HSL	342°, 71%, 85%
HSV	342°, 22%, 96%
XYZ	67.1954, 60.9997, 67.2541
YIQ	208.6710, 26.4520, 16.2120

Conversions

Conversions Part 2

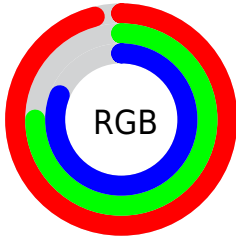
Format	Color
R _Y B	244, 191, 207
Decimal	16039887
CIE Lab	82.38, 21.38, -0.71
CIE LCh	82, 21.387, 358.102
Yxy	60.9997, 0.3438, 0.3121
Android (android.graphics.Color)	4294229967 (0xFF4BF7CF)
YUV	208.6710, -0.8238, 30.9835
Hunter-Lab	78.1023, 16.8937, 3.6169

Details

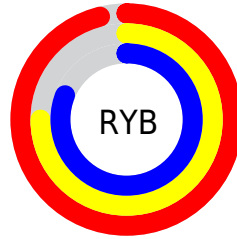
The Yxy color **60.9997, 0.3438, 0.3121** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.3716, 0.2890, 0.3466**, and the grayscale version is **63.5281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **30.7560, 0.3513, 0.3071** is the 20% darker color. If you saturate the color by 10%, you get **50.4425, 0.3634, 0.3038**, and if you desaturate by 10%, it is **73.4250, 0.3277, 0.3202**.

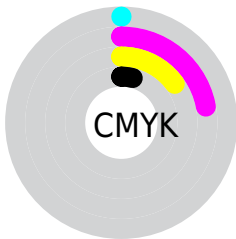
Distribution



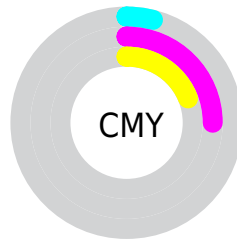
- Red (96%)
- Green (75%)
- Blue (81%)



- Red (96%)
- Yellow (75%)
- Blue (81%)



- Cyan (0%)
- Magenta (22%)
- Yellow (15%)
- Black (4%)




- Cyan (4%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9997, 0.3438, 0.3121 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 60.9997, 0.3438, 0.3121 by changing the saturation by 10% instead.

 60.9997, 0.3438,
0.3121

 60.9997, 0.3438,
0.3121

428.2729, 0.3290,
0.3202

 44.2249, 0.3473,
0.3102

 106.2785, 0.3386,
0.3149

 30.8474, 0.3517,
0.3078


135.5513, 0.3365,
0.3160

 20.4827, 0.3574,
0.3048


169.7589, 0.3348,
0.3170

 12.7464, 0.3650,
0.3007

209.2858, 0.3333,
0.3178

 7.2541, 0.3757,
0.2949

254.5162, 0.3320,
0.3185

 3.6215, 0.3918,
0.2863

305.8346, 0.3309,

 1.4642, 0.4190,

0.3191

0.2719

363.6253, 0.3299,
0.3197

0.2633, 0.5629,
0.1920

0.0000, 0.0000,
0.0000

60.9997, 0.3438,
0.3121

60.9997, 0.3438,
0.3121

50.4425, 0.3634,
0.3038

73.4250, 0.3277,
0.3202

41.6544, 0.3872,
0.2957

87.7943, 0.3147,
0.3278

34.5401, 0.4155,
0.2885

97.9701, 0.3060,
0.3290

28.9918, 0.4481,
0.2831

■ 24.8888, 0.4840,
0.2806

■ 22.0928, 0.5208,
0.2823

■ 20.4379, 0.5553,
0.2887

■ 19.7187, 0.5800,
0.2969

Harmonies

Analogous

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



60.9997, 0.3171, 0.2942



60.9997, 0.3438, 0.3121



60.9997, 0.3623, 0.3345

Triad

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



60.9997, 0.3438, 0.3121



60.9997, 0.3339, 0.3775



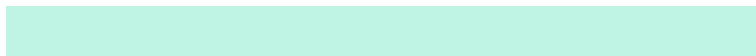
60.9997, 0.2613, 0.2982

Complementary

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



60.9997, 0.3438, 0.3121



81.3716, 0.2890, 0.3466

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.



60.9997, 0.2654, 0.3201



60.9997, 0.3438, 0.3121



60.9997, 0.3066, 0.3678

Square

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



60.9997, 0.3438, 0.3121



60.9997, 0.3562, 0.3728



60.9997, 0.2817, 0.3461



60.9997, 0.2702, 0.2857

Rectangle

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



60.9997, 0.3438, 0.3121



60.9997, 0.3671, 0.3497



60.9997, 0.2817, 0.3461



60.9997, 0.2613, 0.3046

Sweetspot

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



61.0025, 0.3438, 0.3121



88.3581, 0.3213, 0.3238



60.1638, 0.3025, 0.2728



18.7083, 0.3221, 0.3233



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.



61.0025, 0.3438, 0.3121



62.1144, 0.3519, 0.3085



64.6378, 0.3547, 0.3395



16.5648, 0.3246, 0.3219



10.7447, 0.5759, 0.2946



0.9618, 0.5405, 0.2751

Inverse Universe

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



61.0025, 0.3438, 0.3121



62.1144, 0.3519, 0.3085



76.6097, 0.2796, 0.3182



16.5648, 0.3246, 0.3219



10.7447, 0.5759, 0.2946



0.9618, 0.5405, 0.2751

Previews

White Background



This preview shows how the Yxy color 60.9997, 0.3438, 0.3121 looks on a white background.

Color Contrast Check

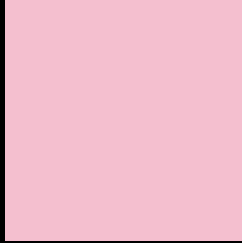
Large Text (above 18pt) WCAG AA × Fail

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 60.9997, 0.3438, 0.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

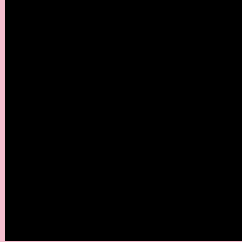
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9997, 0.3438, 0.3121

Background



This preview shows how black text looks on a background with the Yxy color 60.9997, 0.3438, 0.3121.



This preview shows how white text looks on a background with the Yxy color 60.9997, 0.3438, 0.3121.

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

60.9997, 0.3438, 0.3121

Protanopia

61.2138, 0.3065, 0.3163

Deuteranopia

61.3106, 0.3281, 0.3212



Tritanopia

60.9509, 0.3446, 0.3131

Trichromacy



Original Color

60.9997, 0.3438, 0.3121

Protanomaly

60.8160, 0.3197, 0.3144

Deuteranomaly

61.0919, 0.3341, 0.3181

Tritanomaly

60.9509, 0.3446, 0.3131

Monochromacy



Original Color

60.9997, 0.3438, 0.3121

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.3247, 0.3239, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9997, 0.3438, 0.3121 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(244, 191, 207)` looks like.

```
.text, #text, p{  
    color:rgb(244, 191, 207)  
}
```

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(244, 191, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 191, 207) }
```

Border

The CSS property to change the border of an element to Yxy 60.9997, 0.3438, 0.3121 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(244, 191, 207) }
```

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

```
.border{ border-color:rgb(244, 191, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 191, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 191, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 191, 207);  
box-shadow:4px 4px 4px 4px rgb(244, 191,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9997, 0.3438, 0.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 191, 207) }
```

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

```
.background{ background-color: rgb(244,  
191, 207) }
```

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