

Converting Colors

$Y_{xy}(60.8560, 0.3373, 0.2985)$

Have a look what the booklet for
Yxy(60.8560, 0.3373, 0.2985)
contains.

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Color

Yxy(61.0500, 0.3369, 0.2987)

Conversions

Conversions Part 1

Format	Color
Hex	F6BDDA
RGB	246, 189, 218
RGB Percent	96%, 74%, 85%
CMY	0.0353, 0.2588, 0.1451
CMYK	0.00, 0.23, 0.11, 0.04
HSL	329°, 76%, 85%
HSV	329°, 23%, 96%
XYZ	68.8575, 61.0500, 74.4781
YIQ	209.3490, 24.6630, 21.1030

Conversions

Conversions Part 2

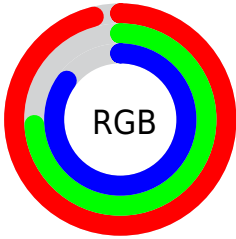
Format	Color
R _Y B	246, 189, 218
Decimal	16170458
CIE Lab	82.41, 24.90, -6.55
CIE LCh	82, 25.749, 345.254
Yxy	61.0500, 0.3369, 0.2987
Android (android.graphics.Color)	4294360538 (0xFF6BDDA)
YUV	209.3490, 4.2649, 32.1429
Hunter-Lab	78.1345, 20.5712, -1.8213

Details

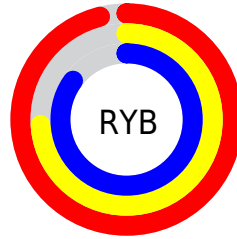
The Yxy color **61.0500, 0.3369, 0.2987** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.7423, 0.2939, 0.3615**, and the grayscale version is **63.9613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **30.7911, 0.3429, 0.2912** is the 20% darker color. If you saturate the color by 10%, you get **50.7413, 0.3509, 0.2850**, and if you desaturate by 10%, it is **73.2052, 0.3252, 0.3122**.

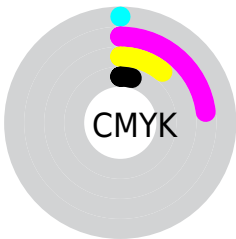
Distribution



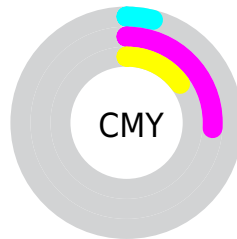
- Red (96%)
- Green (74%)
- Blue (85%)



- Red (96%)
- Yellow (74%)
- Blue (85%)



- Cyan (0%)
- Magenta (23%)
- Yellow (11%)
- Black (4%)





- Cyan (4%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0500, 0.3369, 0.2987 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 61.0500, 0.3369, 0.2987 by changing the saturation by 10% instead.


 61.0500, 0.3369,
0.2987

 61.0500, 0.3369,
0.2987


428.4573, 0.3255,
0.3128

 44.2655, 0.3395,
0.2955


 106.3513, 0.3329,
0.3036

 30.8793, 0.3428,
0.2914


135.6370, 0.3314,
0.3055

 20.5070, 0.3471,
0.2863


169.8585, 0.3301,
0.3072

 12.7641, 0.3526,
0.2796

209.4002, 0.3289,
0.3086

 7.2663, 0.3604,
0.2703

254.6465, 0.3279,
0.3098

 3.6292, 0.3718,
0.2569


305.9819, 0.3270,

 1.4684, 0.3903,


0.3110


0.2357


363.7907, 0.3262,
0.3119


 0.2663, 0.4591,
0.1420


 0.0000, 0.0000,
0.0000


 61.0500, 0.3369,
0.2987

 61.0500, 0.3369,
0.2987


 50.7413, 0.3509,
0.2850

 73.2052, 0.3252,
0.3122


 42.1794, 0.3675,
0.2716

 87.2838, 0.3154,
0.3251

 35.2677, 0.3866,
0.2593

 98.2854, 0.3076,
0.3297

 29.8966, 0.4082,
0.2494

 98.3330, 0.3072,
0.3290

■ 25.9432, 0.4317,
0.2430

■ 23.2656, 0.4561,
0.2414

■ 21.6915, 0.4802,
0.2453

■ 21.0764, 0.4960,
0.2506

Harmonies

Analogous

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



61.0500, 0.3034, 0.2813



61.0500, 0.3369, 0.2987



61.0500, 0.3648, 0.3235

Triad

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



61.0500, 0.3369, 0.2987



61.0500, 0.3506, 0.3872



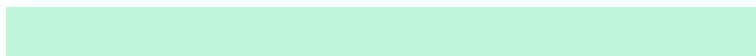
61.0500, 0.2516, 0.3018

Complementary

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



61.0500, 0.3369, 0.2987



81.7423, 0.2939, 0.3615

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.



61.0500, 0.2628, 0.3314



61.0500, 0.3369, 0.2987



61.0500, 0.3192, 0.3834

Square

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



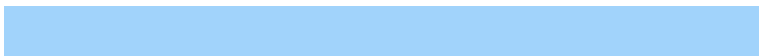
61.0500, 0.3369, 0.2987



61.0500, 0.3725, 0.3743



61.0500, 0.2872, 0.3623



61.0500, 0.2556, 0.2818

Rectangle

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



61.0500, 0.3369, 0.2987



61.0500, 0.3756, 0.3418



61.0500, 0.2872, 0.3623



61.0500, 0.2537, 0.3109

Sweetspot

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



61.0527, 0.3369, 0.2987



88.5831, 0.3190, 0.3202



57.7356, 0.2931, 0.2672



18.7604, 0.3195, 0.3194



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.



61.0527, 0.3369, 0.2987



60.5377, 0.3434, 0.2920



59.7070, 0.3599, 0.3281



16.6232, 0.3214, 0.3170



11.2781, 0.4924, 0.2486



1.0120, 0.4651, 0.2336

Inverse Universe

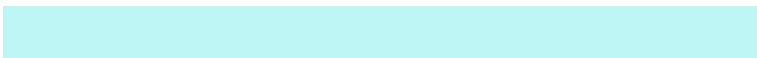
The Inverse Universe completely reimagines the original color for something new.



61.0527, 0.3369, 0.2987



60.5377, 0.3434, 0.2920



83.3274, 0.2789, 0.3299



16.6232, 0.3214, 0.3170



11.2781, 0.4924, 0.2486



1.0120, 0.4651, 0.2336

Previews

White Background



This preview shows how the Yxy color 61.0500, 0.3369, 0.2987 looks on a white background.

Color Contrast Check

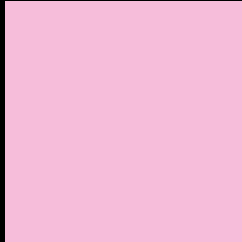
Large Text (above 18pt) WCAG AA × Fail

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 61.0500, 0.3369, 0.2987 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 61.0500, 0.3369, 0.2987

Background



This preview shows how black text looks on a background with the Yxy color 61.0500, 0.3369, 0.2987.



This preview shows how white text looks on a background with the Yxy color 61.0500, 0.3369, 0.2987.

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

61.0500, 0.3369, 0.2987

Protanopia

61.4283, 0.2962, 0.3028

Deuteranopia

61.0204, 0.3167, 0.3100



Tritanopia

60.9509, 0.3446, 0.3131

Trichromacy



Original Color

61.0500, 0.3369, 0.2987

Protanomaly

61.2887, 0.3102, 0.3013

Deuteranomaly

60.6980, 0.3233, 0.3050

Tritanomaly

60.8925, 0.3424, 0.3079

Monochromacy



Original Color

61.0500, 0.3369, 0.2987

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.5241, 0.3210, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0500, 0.3369, 0.2987 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, 189, 218)` looks like.

```
.text, #text, p{  
    color:rgb(246, 189, 218)  
}
```

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, 189, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 189, 218) }
```

Border

The CSS property to change the border of an element to Yxy 61.0500, 0.3369, 0.2987 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, 189, 218) }
```

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

```
.border{ border-color:rgb(246, 189, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 189, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 189, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 189, 218); box-shadow:4px 4px 4px 4px rgb(246, 189, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0500, 0.3369, 0.2987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 189, 218) }
```

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

```
.background{ background-color: rgb(246,  
189, 218) }
```

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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