

Converting Colors

$Yxy(62.1739, 0.3342, 0.2957)$

Have a look what the booklet for
Yxy(62.1739, 0.3342, 0.2957)
contains.

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Color

Yxy(61.9288, 0.3336, 0.2948)

Conversions

Conversions Part 1

Format	Color
Hex	F7BEDF
RGB	247, 190, 223
RGB Percent	97%, 75%, 87%
CMY	0.0315, 0.2548, 0.1255
CMYK	0.00, 0.23, 0.10, 0.03
HSL	325°, 78%, 86%
HSV	325°, 23%, 97%
XYZ	70.0795, 61.9288, 78.0622
YIQ	210.8050, 23.3790, 22.3470

Conversions

Conversions Part 2

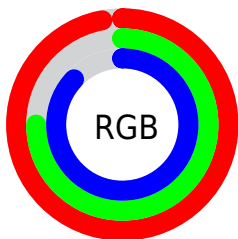
Format	Color
R _Y B	247, 190, 223
Decimal	16236255
CIE Lab	82.88, 25.52, -8.53
CIE LCh	83, 26.904, 341.523
Yxy	61.9288, 0.3336, 0.2948
Android (android.graphics.Color)	4294426335 (0xFFF7BEDF)
YUV	210.8050, 6.0121, 31.7430
Hunter-Lab	78.6949, 21.2423, -3.7270

Details

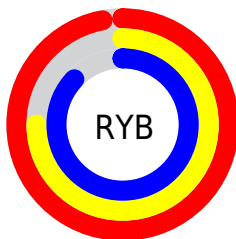
The Yxy color **61.9288, 0.3336, 0.2948** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **82.3051, 0.2962, 0.3659**, and the grayscale version is **64.9542, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **31.3826, 0.3385, 0.2862** is the 20% darker color. If you saturate the color by 10%, you get **51.5791, 0.3456, 0.2793**, and if you desaturate by 10%, it is **74.1311, 0.3235, 0.3101**.

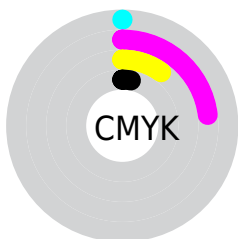
Distribution



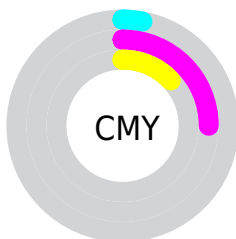
- Red (97%)
- Green (75%)
- Blue (87%)



- Red (97%)
- Yellow (75%)
- Blue (87%)



- Cyan (0%)
- Magenta (23%)
- Yellow (10%)
- Black (3%)





- Cyan (3%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9288, 0.3336, 0.2948 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 61.9288, 0.3336, 0.2948 by changing the saturation by 10% instead.

 61.9288, 0.3336,
0.2948

 61.9288, 0.3336,
0.2948


431.6713, 0.3239,
0.3106

 44.9752, 0.3358,
0.2912

 107.6226, 0.3302,
0.3003

 31.4379, 0.3386,
0.2867


137.1316, 0.3289,
0.3024

 20.9325, 0.3421,
0.2811


171.5945, 0.3278,
0.3043

 13.0747, 0.3467,
0.2737

211.3957, 0.3268,
0.3059

 7.4800, 0.3531,
0.2636

256.9196, 0.3259,
0.3073

 3.7641, 0.3623,
0.2492

308.5505, 0.3252,

 1.5425, 0.3769,

0.3085

0.2266

366.6730, 0.3245,
0.3096

0.3183, 0.4240,
0.1454

0.0000, 0.0000,
0.0000

61.9288, 0.3336,
0.2948

61.9288, 0.3336,
0.2948

51.5791, 0.3456,
0.2793

74.1311, 0.3235,
0.3101

42.9817, 0.3596,
0.2642

88.2631, 0.3150,
0.3247

36.0396, 0.3756,
0.2503

98.4554, 0.3082,
0.3298

30.6427, 0.3935,
0.2388

98.5078, 0.3078,
0.3290

■ 26.6676, 0.4128,
0.2309

■ 23.9715, 0.4327,
0.2277

■ 22.3815, 0.4525,
0.2298

■ 21.7501, 0.4659,
0.2340

Harmonies

Analogous

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



61.9288, 0.2988, 0.2780



61.9288, 0.3336, 0.2948



61.9288, 0.3639, 0.3198

Triad

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



61.9288, 0.3336, 0.2948



61.9288, 0.3556, 0.3887



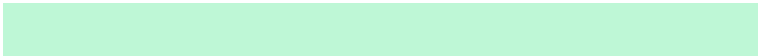
61.9288, 0.2499, 0.3040

Complementary

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



61.9288, 0.3336, 0.2948



82.3051, 0.2962, 0.3659

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.



61.9288, 0.2634, 0.3356



61.9288, 0.3336, 0.2948



61.9288, 0.3237, 0.3872

Square

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



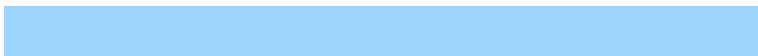
61.9288, 0.3336, 0.2948



61.9288, 0.3766, 0.3734



61.9288, 0.2900, 0.3672



61.9288, 0.2520, 0.2818

Rectangle

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



61.9288, 0.3336, 0.2948



61.9288, 0.3766, 0.3386



61.9288, 0.2900, 0.3672



61.9288, 0.2527, 0.3138

Sweetspot

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



61.9316, 0.3336, 0.2948



88.6606, 0.3182, 0.3190



57.8083, 0.2904, 0.2670



18.7783, 0.3187, 0.3181



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.



61.9316, 0.3336, 0.2948



60.8077, 0.3393, 0.2871



60.5342, 0.3565, 0.3241



16.6434, 0.3203, 0.3154



11.5356, 0.4628, 0.2323



1.0344, 0.4401, 0.2198

Inverse Universe

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



61.9316, 0.3336, 0.2948



60.8077, 0.3393, 0.2871



83.8741, 0.2810, 0.3341



16.6434, 0.3203, 0.3154



11.5356, 0.4628, 0.2323



1.0344, 0.4401, 0.2198

Previews

White Background



This preview shows how the Yxy color 61.9288, 0.3336, 0.2948 looks on a white background.

Color Contrast Check

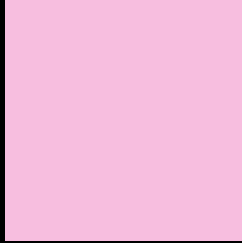
Large Text (above 18pt) WCAG AA × Fail

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 61.9288, 0.3336, 0.2948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

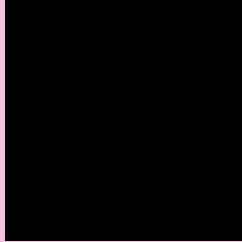
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9288, 0.3336, 0.2948

Background



This preview shows how black text looks on a background with the Yxy color 61.9288, 0.3336, 0.2948.



This preview shows how white text looks on a background with the Yxy color 61.9288, 0.3336, 0.2948.

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

61.9288, 0.3336, 0.2948

Protanopia

62.1853, 0.2929, 0.2985

Deuteranopia

62.2094, 0.3130, 0.3069



Tritanopia

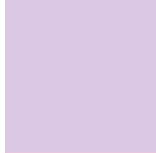
62.1065, 0.3435, 0.3132

Trichromacy



Original Color

61.9288, 0.3336, 0.2948



Protanomaly

62.0258, 0.3066, 0.2971



Deuteranomaly

62.0294, 0.3202, 0.3020



Tritanomaly

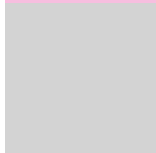
62.0962, 0.3405, 0.3070

Monochromacy



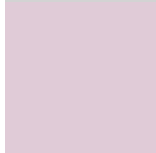
Original Color

61.9288, 0.3336, 0.2948



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

63.4655, 0.3202, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9288, 0.3336, 0.2948 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(247, 190, 223)` looks like.

```
.text, #text, p{  
    color:rgb(247, 190, 223)  
}
```

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(247, 190, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 190, 223) }
```

Border

The CSS property to change the border of an element to Yxy 61.9288, 0.3336, 0.2948 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(247, 190, 223) }
```

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

```
.border{ border-color:rgb(247, 190, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 190, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 190, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 190, 223);  
box-shadow:4px 4px 4px 4px rgb(247, 190,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9288, 0.3336, 0.2948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 190, 223) }
```

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

```
.background{ background-color: rgb(247,  
190, 223) }
```

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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