

Converting Colors

Yxy(66.4499, 0.3236, 0.2991)

Have a look what the booklet for
Yxy(66.4499, 0.3236, 0.2991)
contains.

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Color

Yxy(66.3637, 0.3233, 0.2989)

Conversions

Conversions Part 1

Format	Color
Hex	F2C9E6
RGB	242, 201, 230
RGB Percent	95%, 79%, 90%
CMY	0.0511, 0.2117, 0.0981
CMYK	0.00, 0.17, 0.05, 0.05
HSL	318°, 61%, 87%
HSV	318°, 17%, 95%
XYZ	71.7811, 66.3637, 83.8816
YIQ	216.5650, 15.1270, 17.7110

Conversions

Conversions Part 2

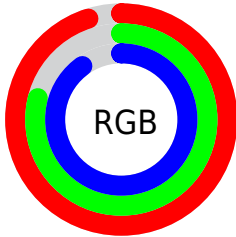
Format	Color
R _Y B	242, 201, 230
Decimal	15911398
CIE Lab	85.18, 19.20, -8.89
CIE LCh	85, 21.163, 335.153
Yxy	66.3637, 0.3233, 0.2989
Android (android.graphics.Color)	4294101478 (0xFFFF2C9E6)
YUV	216.5650, 6.6235, 22.3065
Hunter-Lab	81.4639, 14.7217, -4.0249

Details

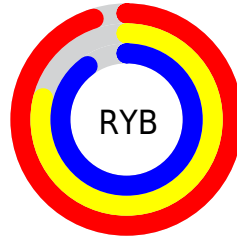
The Yxy color **66.3637, 0.3233, 0.2989** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.7167, 0.3035, 0.3611**, and the grayscale version is **69.0215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4017, 0.3256, 0.2916** is the 20% darker color. If you saturate the color by 10%, you get **55.5685, 0.3310, 0.2804**, and if you desaturate by 10%, it is **78.9581, 0.3167, 0.3170**.

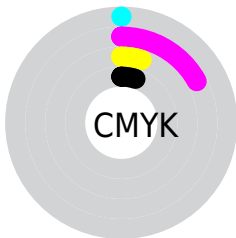
Distribution



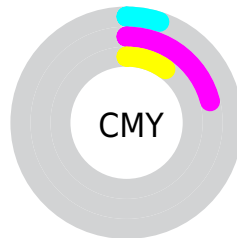
- Red (95%)
- Green (79%)
- Blue (90%)



- Red (95%)
- Yellow (79%)
- Blue (90%)



- Cyan (0%)
- Magenta (17%)
- Yellow (5%)
- Black (5%)




- Cyan (5%)
- Magenta (21%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3637, 0.3233, 0.2989 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 66.3637, 0.3233, 0.2989 by changing the saturation by 10% instead.

 66.3637, 0.3233,
0.2989

 66.3637, 0.3233,
0.2989


447.6765, 0.3185,
0.3127

 48.5677, 0.3244,
0.2958


114.0082, 0.3216,
0.3037

 34.2767, 0.3257,
0.2919


144.6255, 0.3210,
0.3055

 23.1062, 0.3274,
0.2871


180.2853, 0.3204,
0.3071

 14.6720, 0.3295,
0.2808

221.3721, 0.3200,
0.3085

 8.5895, 0.3324,
0.2722

268.2702, 0.3195,
0.3098

 4.4744, 0.3364,
0.2601

321.3640, 0.3191,

 1.9423, 0.3425,

0.3109

0.2414

381.0380, 0.3188,
0.3118

0.5736, 0.3570,
0.1996

0.0000, 0.0000,
0.0000

66.3637, 0.3233,
0.2989

66.3637, 0.3233,
0.2989

55.5685, 0.3310,
0.2804

78.9581, 0.3167,
0.3170

46.4805, 0.3399,
0.2620

93.4205, 0.3111,
0.3342

39.0129, 0.3500,
0.2444

97.3739, 0.3069,
0.3327

33.0676, 0.3611,
0.2287

97.6138, 0.3047,
0.3290

■ 28.5359, 0.3731,
0.2160

■ 25.2946, 0.3855,
0.2073

■ 23.1992, 0.3979,
0.2033

■ 22.0652, 0.4100,
0.2044

■ 21.8202, 0.4137,
0.2053

Harmonies

Analogous

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



66.3637, 0.2968, 0.2875



66.3637, 0.3233, 0.2989



66.3637, 0.3478, 0.3176

Triad

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



66.3637, 0.3233, 0.2989



66.3637, 0.3503, 0.3734



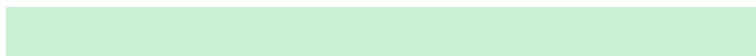
66.3637, 0.2651, 0.3150

Complementary

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



66.3637, 0.3233, 0.2989



80.7167, 0.3035, 0.3611

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.



66.3637, 0.2783, 0.3397



66.3637, 0.3233, 0.2989



66.3637, 0.3271, 0.3747

Square

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



66.3637, 0.3233, 0.2989



66.3637, 0.3636, 0.3601



66.3637, 0.3007, 0.3622



66.3637, 0.2641, 0.2956

Rectangle

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



66.3637, 0.3233, 0.2989



66.3637, 0.3592, 0.3322



66.3637, 0.3007, 0.3622



66.3637, 0.2682, 0.3229

Sweetspot

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



66.3666, 0.3233, 0.2989



91.8952, 0.3155, 0.3203



62.2794, 0.2932, 0.2842



19.4348, 0.3160, 0.3191



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.



66.3666, 0.3233, 0.2989



70.7414, 0.3256, 0.2931



65.3016, 0.3384, 0.3197



15.9480, 0.3183, 0.3124



11.7491, 0.4118, 0.2042



0.9947, 0.3970, 0.1960

Inverse Universe

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



66.3666, 0.3233, 0.2989



70.7414, 0.3256, 0.2931



81.8016, 0.2921, 0.3386



15.9480, 0.3183, 0.3124



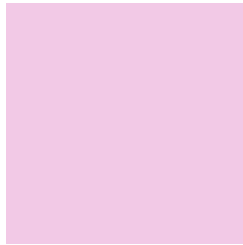
11.7491, 0.4118, 0.2042



0.9947, 0.3970, 0.1960

Previews

White Background



This preview shows how the Yxy color 66.3637, 0.3233, 0.2989 looks on a white background.

Color Contrast Check

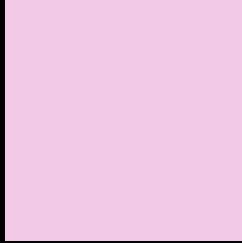
Large Text (above 18pt) WCAG AA × Fail

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 66.3637, 0.3233, 0.2989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

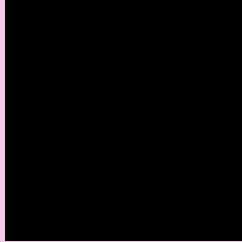
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.3637, 0.3233, 0.2989

Background



This preview shows how black text looks on a background with the Yxy color 66.3637, 0.3233, 0.2989.



This preview shows how white text looks on a background with the Yxy color 66.3637, 0.3233, 0.2989.

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

66.3637, 0.3233, 0.2989

Protanopia

66.9030, 0.2948, 0.3015

Deuteranopia

66.4515, 0.3116, 0.3053



Tritanopia

66.3516, 0.3297, 0.3122

Trichromacy



Original Color

66.3637, 0.3233, 0.2989

Protanomaly

66.5819, 0.3052, 0.3009

Deuteranomaly

66.4756, 0.3162, 0.3035

Tritanomaly

66.2695, 0.3276, 0.3070

Monochromacy



Original Color

66.3637, 0.3233, 0.2989

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.0312, 0.3162, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3637, 0.3233, 0.2989 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(242, 201, 230)` looks like.

```
.text, #text, p{  
    color:rgb(242, 201, 230)  
}
```

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(242, 201, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 201, 230) }
```

Border

The CSS property to change the border of an element to Yxy 66.3637, 0.3233, 0.2989 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(242, 201, 230) }
```

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

```
.border{ border-color:rgb(242, 201, 230) }
```

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

Here you see how a box with a 4 pixel rgb(242, 201, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 201, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 201, 230);  
box-shadow:4px 4px 4px 4px rgb(242, 201,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3637, 0.3233, 0.2989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 201, 230) }
```

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

```
.background{ background-color: rgb(242,  
201, 230) }
```

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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