

Converting Colors

$Yxy(60.6892, 0.3238, 0.2958)$

Have a look what the booklet for
Yxy(60.6892, 0.3238, 0.2958)
contains.

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Color

Yxy(60.6892, 0.3238, 0.2958)

Conversions

Conversions Part 1

Format	Color
Hex	EBC0DF
RGB	235, 192, 223
RGB Percent	92%, 75%, 87%
CMY	0.0784, 0.2471, 0.1254
CMYK	0.00, 0.18, 0.05, 0.08
HSL	317°, 52%, 84%
HSV	317°, 18%, 92%
XYZ	66.4340, 60.6892, 78.0466
YIQ	208.3910, 15.6770, 18.7570

Conversions

Conversions Part 2

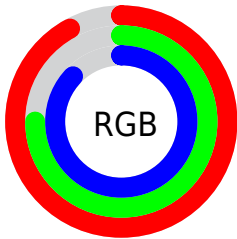
Format	Color
R _Y B	235, 192, 223
Decimal	15450335
CIE Lab	82.21, 20.41, -9.66
CIE LCh	82, 22.578, 334.669
Yxy	60.6892, 0.3238, 0.2958
Android (android.graphics.Color)	4293640415 (0xFFEBC0DF)
YUV	208.3910, 7.2022, 23.3361
Hunter-Lab	77.9033, 15.8896, -4.8668

Details

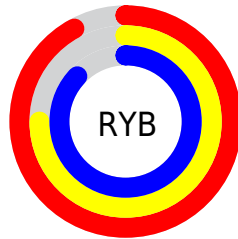
The Yxy color **60.6892, 0.3238, 0.2958** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.9840, 0.3032, 0.3647**, and the grayscale version is **63.2908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **30.5878, 0.3264, 0.2873** is the 20% darker color. If you saturate the color by 10%, you get **50.8364, 0.3313, 0.2770**, and if you desaturate by 10%, it is **72.2086, 0.3173, 0.3143**.

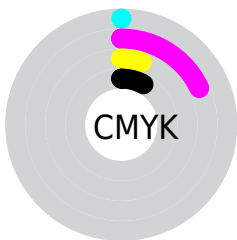
Distribution



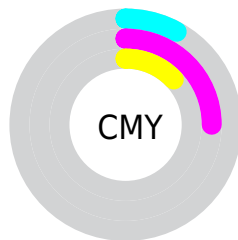
- Red (92%)
- Green (75%)
- Blue (87%)



- Red (92%)
- Yellow (75%)
- Blue (87%)



- Cyan (0%)
- Magenta (18%)
- Yellow (5%)
- Black (8%)





- Cyan (8%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6892, 0.3238, 0.2958 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 60.6892, 0.3238, 0.2958 by changing the saturation by 10% instead.

 60.6892, 0.3238,
0.2958

 60.6892, 0.3238,
0.2958


427.1335, 0.3187,
0.3112

 43.9744, 0.3250,
0.2923


 105.8288, 0.3220,
0.3012

 30.6504, 0.3264,
0.2879


135.0224, 0.3214,
0.3033

 20.3328, 0.3282,
0.2823


169.1443, 0.3208,
0.3050

 12.6372, 0.3305,
0.2750

208.5790, 0.3202,
0.3066

 7.1792, 0.3336,
0.2650

253.7109, 0.3198,
0.3080

 3.5744, 0.3381,
0.2506

304.9244, 0.3194,

 1.4385, 0.3449,

0.3092

0.2279

362.6038, 0.3190,
0.3103

0.2448, 0.3811,
0.1277

0.0000, 0.0000,
0.0000

60.6892, 0.3238,
0.2958

60.6892, 0.3238,
0.2958

50.8364, 0.3313,
0.2770

72.2086, 0.3173,
0.3143

42.5641, 0.3399,
0.2583

85.4597, 0.3118,
0.3319

35.7904, 0.3496,
0.2407

95.6334, 0.3074,
0.3413

30.4229, 0.3603,
0.2251

96.0351, 0.3038,
0.3347

■ 26.3590, 0.3716,
0.2126

■ 96.4029, 0.3005,
0.3290

■ 23.4817, 0.3833,
0.2042

■ 21.6535, 0.3949,
0.2006

■ 20.6782, 0.4062,
0.2018

■ 20.5493, 0.4081,
0.2022

Harmonies

Analogous

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



60.6892, 0.2947, 0.2835



60.6892, 0.3238, 0.2958



60.6892, 0.3509, 0.3161

Triad

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



60.6892, 0.3238, 0.2958



60.6892, 0.3543, 0.3776



60.6892, 0.2607, 0.3138

Complementary

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



60.6892, 0.3238, 0.2958



74.9840, 0.3032, 0.3647

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.



60.6892, 0.2752, 0.3411



60.6892, 0.3238, 0.2958



60.6892, 0.3289, 0.3795

Square

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



60.6892, 0.3238, 0.2958



60.6892, 0.3688, 0.3626



60.6892, 0.2999, 0.3660



60.6892, 0.2594, 0.2925

Rectangle

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



60.6892, 0.3238, 0.2958



60.6892, 0.3636, 0.3320



60.6892, 0.2999, 0.3660



60.6892, 0.2642, 0.3226

Sweetspot

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



60.6919, 0.3238, 0.2958



91.9067, 0.3154, 0.3202



56.4603, 0.2909, 0.2802



19.4376, 0.3158, 0.3189



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.



60.6919, 0.3238, 0.2958



68.3154, 0.3265, 0.2887



59.6283, 0.3402, 0.3181



15.2381, 0.3180, 0.3122



11.4589, 0.4064, 0.2013



0.9160, 0.3918, 0.1932

Inverse Universe

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



60.6919, 0.3238, 0.2958



68.3154, 0.3265, 0.2887



76.0603, 0.2909, 0.3402



15.2381, 0.3180, 0.3122



11.4589, 0.4064, 0.2013



0.9160, 0.3918, 0.1932

Previews

White Background



This preview shows how the Yxy color 60.6892, 0.3238, 0.2958 looks on a white background.

Color Contrast Check

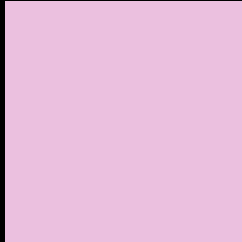
Large Text (above 18pt) WCAG AA × Fail

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 60.6892, 0.3238, 0.2958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

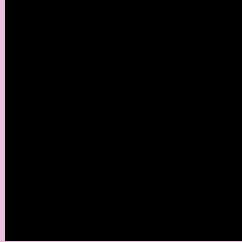
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6892, 0.3238, 0.2958

Background



This preview shows how black text looks on a background with the Yxy color 60.6892, 0.3238, 0.2958.



This preview shows how white text looks on a background with the Yxy color 60.6892, 0.3238, 0.2958.

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

60.6892, 0.3238, 0.2958

Protanopia

60.8426, 0.2927, 0.2982

Deuteranopia

60.8725, 0.3101, 0.3033



Tritanopia

60.5107, 0.3328, 0.3127

Trichromacy



Original Color

60.6892, 0.3238, 0.2958

Protanomaly

60.5390, 0.3035, 0.2977

Deuteranomaly

60.6011, 0.3156, 0.3004

Tritanomaly

60.4874, 0.3298, 0.3063

Monochromacy



Original Color

60.6892, 0.3238, 0.2958

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.9506, 0.3171, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6892, 0.3238, 0.2958 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(235, 192, 223)` looks like.

```
.text, #text, p{  
    color:rgb(235, 192, 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(235, 192, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 192, 223) }
```

Border

The CSS property to change the border of an element to Yxy 60.6892, 0.3238, 0.2958 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(235, 192, 223) }
```

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

```
.border{ border-color:rgb(235, 192, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 192, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 192, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 192, 223);  
box-shadow:4px 4px 4px 4px rgb(235, 192,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6892, 0.3238, 0.2958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 192, 223) }
```

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

```
.background{ background-color: rgb(235,  
192, 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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