

Converting Colors

Yxy(60.4915, 0.3261, 0.2917)

Have a look what the booklet for
Yxy(60.4915, 0.3261, 0.2917)
contains.

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Color

Yxy(60.6139, 0.3257, 0.2920)

Conversions

Conversions Part 1

Format	Color
Hex	EFBEE1
RGB	239, 190, 225
RGB Percent	94%, 75%, 88%
CMY	0.0626, 0.2549, 0.1177
CMYK	0.00, 0.21, 0.06, 0.06
HSL	317°, 61%, 84%
HSV	317°, 21%, 94%
XYZ	67.6094, 60.6139, 79.3585
YIQ	208.6410, 17.9690, 21.2730

Conversions

Conversions Part 2

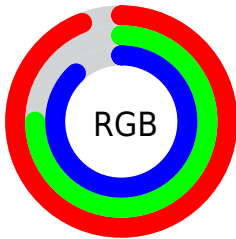
Format	Color
R _Y B	239, 190, 225
Decimal	15711969
CIE Lab	82.17, 23.18, -10.73
CIE LCh	82, 25.545, 335.170
Yxy	60.6139, 0.3257, 0.2920
Android (android.graphics.Color)	4293902049 (0xFFEFBEE1)
YUV	208.6410, 8.0650, 26.6248
Hunter-Lab	77.8549, 18.7637, -5.9366

Details

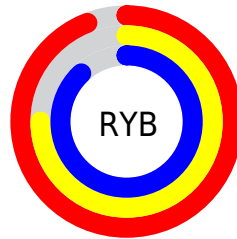
The Yxy color $60.6139, 0.3257, 0.2920$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $77.0663, 0.3018, 0.3691$, and the grayscale version is $63.4554, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $30.5779, 0.3288, 0.2825$ is the 20% darker color. If you saturate the color by 10%, you get $50.7311, 0.3337, 0.2733$, and if you desaturate by 10%, it is $72.2152, 0.3188, 0.3104$.

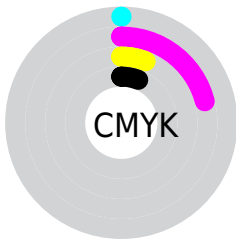
Distribution



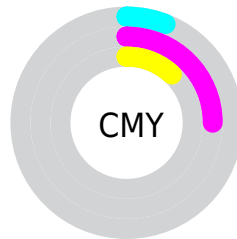
- Red (94%)
- Green (75%)
- Blue (88%)



- Red (94%)
- Yellow (75%)
- Blue (88%)



- Cyan (0%)
- Magenta (21%)
- Yellow (6%)
- Black (6%)





- Cyan (6%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6139, 0.3257, 0.2920 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 60.6139, 0.3257, 0.2920 by changing the saturation by 10% instead.

 60.6139, 0.3257,
0.2920

 60.6139, 0.3257,
0.2920


426.8569, 0.3198,
0.3091

 43.9136, 0.3270,
0.2881


 105.7197, 0.3236,
0.2979

 30.6026, 0.3287,
0.2832


134.8940, 0.3228,
0.3003

 20.2964, 0.3308,
0.2771


168.9952, 0.3222,
0.3023

 12.6107, 0.3335,
0.2691

208.4075, 0.3216,
0.3040

 7.1610, 0.3371,
0.2582

253.5155, 0.3210,
0.3055

 3.5630, 0.3422,
0.2425

304.7034, 0.3206,

 1.4323, 0.3500,

0.3069

0.2180

362.3558, 0.3201,
0.3081

0.2403, 0.3880,
0.1174

0.0000, 0.0000,
0.0000

60.6139, 0.3257,
0.2920

60.6139, 0.3257,
0.2920

50.7311, 0.3337,
0.2733

72.2152, 0.3188,
0.3104

42.4758, 0.3428,
0.2550

85.6041, 0.3130,
0.3281

35.7610, 0.3530,
0.2379

96.5037, 0.3083,
0.3383

30.4881, 0.3642,
0.2230

96.9312, 0.3044,
0.3315

■ 26.5472, 0.3761,
0.2115

■ 97.0983, 0.3030,
0.3290

■ 23.8122, 0.3882,
0.2043

■ 22.1331, 0.4003,
0.2020

■ 21.2807, 0.4113,
0.2040

Harmonies

Analogous

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



60.6139, 0.2928, 0.2780



60.6139, 0.3257, 0.2920



60.6139, 0.3564, 0.3147

Triad

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



60.6139, 0.3257, 0.2920



60.6139, 0.3592, 0.3842



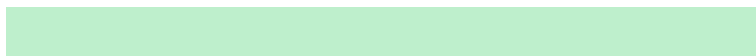
60.6139, 0.2540, 0.3111

Complementary

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



60.6139, 0.3257, 0.2920



77.0663, 0.3018, 0.3691

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.



60.6139, 0.2700, 0.3421



60.6139, 0.3257, 0.2920



60.6139, 0.3302, 0.3864

Square

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



60.6139, 0.3257, 0.2920



60.6139, 0.3761, 0.3670



60.6139, 0.2976, 0.3707



60.6139, 0.2529, 0.2873

Rectangle

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



60.6139, 0.3257, 0.2920



60.6139, 0.3707, 0.3325



60.6139, 0.2976, 0.3707



60.6139, 0.2578, 0.3210

Sweetspot

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



60.6166, 0.3257, 0.2920



90.3445, 0.3161, 0.3185



55.8792, 0.2884, 0.2737



19.1224, 0.3165, 0.3173



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.



60.6166, 0.3257, 0.2920



64.7293, 0.3292, 0.2835



59.3803, 0.3451, 0.3176



15.9497, 0.3182, 0.3123



11.7791, 0.4095, 0.2030



0.9970, 0.3951, 0.1950

Inverse Universe

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



60.6166, 0.3257, 0.2920



64.7293, 0.3292, 0.2835



78.3289, 0.2879, 0.3408



15.9497, 0.3182, 0.3123



11.7791, 0.4095, 0.2030



0.9970, 0.3951, 0.1950

Previews

White Background



This preview shows how the Yxy color 60.6139, 0.3257, 0.2920 looks on a white background.

Color Contrast Check

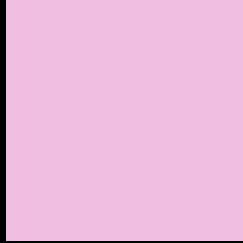
Large Text (above 18pt) WCAG AA × Fail

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 60.6139, 0.3257, 0.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

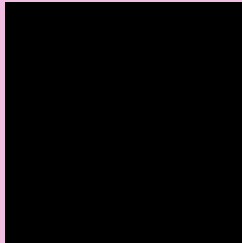
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6139, 0.3257, 0.2920

Background



This preview shows how black text looks on a background with the Yxy color 60.6139, 0.3257, 0.2920.



This preview shows how white text looks on a background with the Yxy color 60.6139, 0.3257, 0.2920.

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

60.6139, 0.3257, 0.2920

Protanopia

60.8744, 0.2901, 0.2949

Deuteranopia

60.7735, 0.3086, 0.3022



Tritanopia

60.6985, 0.3370, 0.3128

Trichromacy



Original Color

60.6139, 0.3257, 0.2920

Protanomaly

60.3975, 0.3022, 0.2934

Deuteranomaly

60.7090, 0.3142, 0.2983

Tritanomaly

60.7315, 0.3332, 0.3054

Monochromacy



Original Color

60.6139, 0.3257, 0.2920

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.3630, 0.3172, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6139, 0.3257, 0.2920 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(239, 190, 225)` looks like.

```
.text, #text, p{  
    color:rgb(239, 190, 225)  
}
```

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(239, 190, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 190, 225) }
```

Border

The CSS property to change the border of an element to Yxy 60.6139, 0.3257, 0.2920 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(239, 190, 225) }
```

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

```
.border{ border-color:rgb(239, 190, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 190, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 190, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 190, 225);  
box-shadow:4px 4px 4px 4px rgb(239, 190,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6139, 0.3257, 0.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 190, 225) }
```

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

```
.background{ background-color: rgb(239,  
190, 225) }
```

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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