

Converting Colors

$Yxy(60.5337, 0.3296, 0.2922)$

Have a look what the booklet for
Yxy(60.5337, 0.3296, 0.2922)
contains.

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Color

Yxy(60.6543, 0.3289, 0.2922)

Conversions

Conversions Part 1

Format	Color
Hex	F2BDE0
RGB	242, 189, 224
RGB Percent	95%, 74%, 88%
CMY	0.0510, 0.2588, 0.1214
CMYK	0.00, 0.22, 0.07, 0.05
HSL	320°, 67%, 85%
HSV	320°, 22%, 95%
XYZ	68.2724, 60.6543, 78.6513
YIQ	208.8370, 20.3530, 22.1210

Conversions

Conversions Part 2

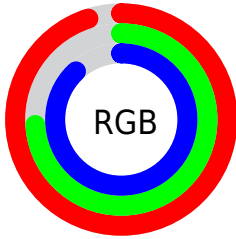
Format	Color
R _Y B	242, 189, 224
Decimal	15908320
CIE Lab	82.19, 24.54, -10.15
CIE LCh	82, 26.561, 337.526
Yxy	60.6543, 0.3289, 0.2922
Android (android.graphics.Color)	4294098400 (0xFFFF2BDE0)
YUV	208.8370, 7.4754, 29.0840
Hunter-Lab	77.8809, 20.1863, -5.3599

Details

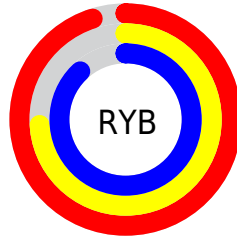
The Yxy color $60.6543, 0.3289, 0.2922$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $78.8256, 0.2995, 0.3689$, and the grayscale version is $63.5915, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.3915, 0.3131, 0.3204$, and $30.5068, 0.3322, 0.2828$ is the 20% darker color. If you saturate the color by 10%, you get $50.6652, 0.3384, 0.2747$, and if you desaturate by 10%, it is $72.4072, 0.3208, 0.3094$.

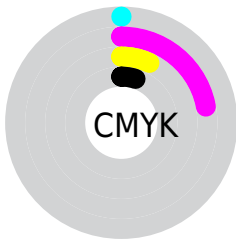
Distribution



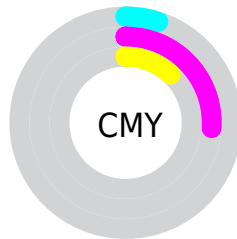
- Red (95%)
- Green (74%)
- Blue (88%)



- Red (95%)
- Yellow (74%)
- Blue (88%)



- Cyan (0%)
- Magenta (22%)
- Yellow (7%)
- Black (5%)





- Cyan (5%)
- Magenta (26%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6543, 0.3289, 0.2922 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 60.6543, 0.3289, 0.2922 by changing the saturation by 10% instead.


 60.6543, 0.3289,
0.2922

 60.6543, 0.3289,
0.2922


427.0053, 0.3214,
0.3092

 43.9462, 0.3306,
0.2883


 105.7782, 0.3263,
0.2981

 30.6282, 0.3327,
0.2835

134.9629, 0.3253,
0.3004

 20.3159, 0.3354,
0.2774


169.0752, 0.3244,
0.3024

 12.6249, 0.3388,
0.2694

208.4995, 0.3237,
0.3041

 7.1708, 0.3436,
0.2586

253.6203, 0.3230,
0.3056

 3.5691, 0.3503,
0.2429


304.8220, 0.3224,


 1.4356, 0.3608,

0.3070

0.2186


362.4888, 0.3219,
0.3082


 0.2427, 0.4055,
0.1186


 0.0000, 0.0000,
0.0000


 60.6543, 0.3289,
0.2922


 60.6543, 0.3289,
0.2922


 50.6652, 0.3384,
0.2747


 72.4072, 0.3208,
0.3094


 42.3455, 0.3494,
0.2577

 85.9962, 0.3139,
0.3260

 35.6039, 0.3618,
0.2418

 97.2142, 0.3083,
0.3352

 30.3376, 0.3755,
0.2283

 97.6168, 0.3047,
0.3290

■ 26.4309, 0.3901,
0.2183

■ 23.7511, 0.4051,
0.2128

■ 22.1386, 0.4201,
0.2123

■ 21.4132, 0.4318,
0.2153

Harmonies

Analogous

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



60.6543, 0.2945, 0.2769



60.6543, 0.3289, 0.2922



60.6543, 0.3602, 0.3162

Triad

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



60.6543, 0.3289, 0.2922



60.6543, 0.3590, 0.3872



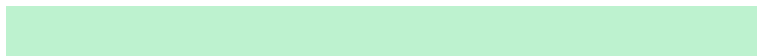
60.6543, 0.2511, 0.3080

Complementary

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



60.6543, 0.3289, 0.2922



78.8256, 0.2995, 0.3689

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.



60.6543, 0.2665, 0.3400



60.6543, 0.3289, 0.2922



60.6543, 0.3282, 0.3881

Square

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



60.6543, 0.3289, 0.2922



60.6543, 0.3778, 0.3702



60.6543, 0.2944, 0.3705



60.6543, 0.2512, 0.2842

Rectangle

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



60.6543, 0.3289, 0.2922



60.6543, 0.3744, 0.3348



60.6543, 0.2944, 0.3705



60.6543, 0.2546, 0.3181

Sweetspot

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



60.6570, 0.3289, 0.2922



88.7516, 0.3173, 0.3176



56.0250, 0.2884, 0.2699



18.7994, 0.3177, 0.3166



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.



60.6570, 0.3289, 0.2922



63.3822, 0.3327, 0.2849



59.3431, 0.3500, 0.3196



15.9350, 0.3190, 0.3135



11.5302, 0.4295, 0.2140



0.9777, 0.4115, 0.2041

Inverse Universe

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



60.6570, 0.3289, 0.2922



63.3822, 0.3327, 0.2849



80.2147, 0.2849, 0.3387



15.9350, 0.3190, 0.3135



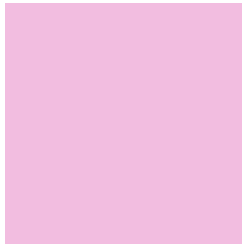
11.5302, 0.4295, 0.2140



0.9777, 0.4115, 0.2041

Previews

White Background



This preview shows how the Yxy color 60.6543, 0.3289, 0.2922 looks on a white background.

Color Contrast Check

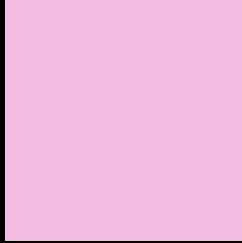
Large Text (above 18pt) WCAG AA × Fail

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 60.6543, 0.3289, 0.2922 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 60.6543, 0.3289, 0.2922

Background



This preview shows how black text looks on a background with the Yxy color 60.6543, 0.3289, 0.2922.



This preview shows how white text looks on a background with the Yxy color 60.6543, 0.3289, 0.2922.

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

60.6543, 0.3289, 0.2922

Protanopia

60.8744, 0.2901, 0.2949

Deuteranopia

60.8725, 0.3101, 0.3033



Tritanopia

60.7295, 0.3404, 0.3130

Trichromacy



Original Color

60.6543, 0.3289, 0.2922



Protanomaly

60.5484, 0.3030, 0.2935



Deuteranomaly

60.5267, 0.3165, 0.2984



Tritanomaly

60.7665, 0.3365, 0.3056

Monochromacy



Original Color

60.6543, 0.3289, 0.2922



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

62.4683, 0.3187, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6543, 0.3289, 0.2922 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, 189, 224)` looks like.

```
.text, #text, p{  
    color:rgb(242, 189, 224)  
}
```

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, 189, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 189, 224) }
```

Border

The CSS property to change the border of an element to Yxy 60.6543, 0.3289, 0.2922 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, 189, 224) }
```

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

```
.border{ border-color:rgb(242, 189, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 189, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 189, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 189, 224);  
box-shadow:4px 4px 4px 4px rgb(242, 189,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6543, 0.3289, 0.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 189, 224) }
```

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

```
.background{ background-color: rgb(242,  
189, 224) }
```

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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