

Converting Colors

$Y_{xy}(60.6761, 0.3036, 0.2589)$

Have a look what the booklet for
Yxy(60.6761, 0.3036, 0.2589)
contains.

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Color

Yxy(60.6885, 0.3037, 0.2588)

Conversions

Conversions Part 1

Format	Color
Hex	EFBAFF
RGB	239, 186, 255
RGB Percent	94%, 73%, 100%
CMY	0.0626, 0.2706, 0.0000
CMYK	0.06, 0.27, 0.00, 0.00
HSL	286°, 100%, 86%
HSV	286°, 27%, 100%
XYZ	71.2175, 60.6885, 102.5936
YIQ	209.7130, 9.4390, 32.6950

Conversions

Conversions Part 2

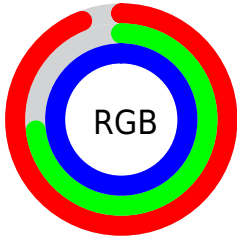
Format	Color
R _Y B	239, 186, 255
Decimal	15710975
CIE Lab	82.21, 30.81, -26.74
CIE LCh	82, 40.800, 319.045
Yxy	60.6885, 0.3037, 0.2588
Android (android.graphics.Color)	4293901055 (0xFFEFBAFF)
YUV	209.7130, 22.3265, 25.6847
Hunter-Lab	77.9028, 26.8519, -23.5496

Details

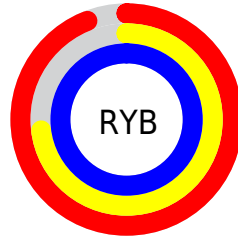
The Yxy color $60.6885, 0.3037, 0.2588$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $87.6145, 0.3188, 0.4051$, and the grayscale version is $64.0983, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $30.5248, 0.3005, 0.2431$ is the 20% darker color. If you saturate the color by 10%, you get $49.8773, 0.2992, 0.2319$, and if you desaturate by 10%, it is $73.4515, 0.3076, 0.2856$.

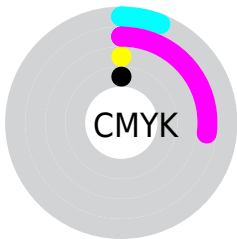
Distribution



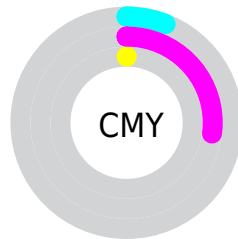
- Red (94%)
- Green (73%)
- Blue (100%)



- Red (94%)
- Yellow (73%)
- Blue (100%)



- Cyan (6%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6885, 0.3037, 0.2588 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 60.6885, 0.3037, 0.2588 by changing the saturation by 10% instead.


 60.6885, 0.3037,
0.2588

 60.6885, 0.3037,
0.2588

427.1309, 0.3087,
0.2904

 43.9738, 0.3024,
0.2518


 105.8278, 0.3056,
0.2696

 30.6499, 0.3007,
0.2434


135.0212, 0.3062,
0.2738

 20.3324, 0.2984,
0.2328


169.1429, 0.3068,
0.2775

 12.6369, 0.2952,
0.2194

208.5774, 0.3073,
0.2807

 7.1790, 0.2905,
0.2019

253.7091, 0.3077,
0.2835

 3.5743, 0.2831,
0.1781

304.9223, 0.3081,

 1.4384, 0.2703,

0.2861

0.1444

362.6015, 0.3084,
0.2883

0.2448, 0.2538,
0.0626

0.0000, 0.0000,
0.0000

60.6885, 0.3037,
0.2588

60.6885, 0.3037,
0.2588

49.8773, 0.2992,
0.2319

73.4515, 0.3076,
0.2856

40.9137, 0.2941,
0.2058

88.2591, 0.3108,
0.3115

33.6866, 0.2884,
0.1816

100.0000, 0.3127,
0.3290

28.0721, 0.2823,
0.1605

■ 23.9295, 0.2760,
0.1435

■ 21.0935, 0.2697,
0.1311

■ 19.3530, 0.2636,
0.1234

■ 18.9569, 0.2618,
0.1216

Harmonies

Analogous

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



60.6885, 0.2570, 0.2464



60.6885, 0.3037, 0.2588



60.6885, 0.3570, 0.2864

Triad

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



60.6885, 0.3037, 0.2588



60.6885, 0.4034, 0.4019



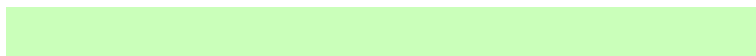
60.6885, 0.2317, 0.3247

Complementary

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



60.6885, 0.3037, 0.2588



87.6145, 0.3188, 0.4051

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.



60.6885, 0.2660, 0.3772



60.6885, 0.3037, 0.2588



60.6885, 0.3651, 0.4228

Square

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



60.6885, 0.3037, 0.2588



60.6885, 0.4171, 0.3652



60.6885, 0.3147, 0.4153



60.6885, 0.2183, 0.2794

Rectangle

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



60.6885, 0.3037, 0.2588



60.6885, 0.3880, 0.3107



60.6885, 0.3147, 0.4153



60.6885, 0.2410, 0.3423

Sweetspot

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



60.6891, 0.3037, 0.2588



86.7838, 0.3105, 0.3092



59.9408, 0.2672, 0.2695



18.0761, 0.3101, 0.3053



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.



60.6891, 0.3037, 0.2588



55.1147, 0.3016, 0.2455



62.4632, 0.3298, 0.2783



18.0761, 0.3101, 0.3053



9.9762, 0.2628, 0.1222



1.0203, 0.2697, 0.1260

Inverse Universe

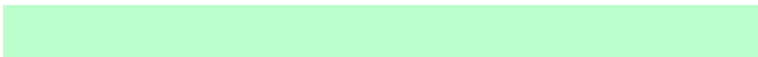
The Inverse Universe completely reimagines the original color for something new.



60.6344, 0.3580, 0.3126



55.1189, 0.3694, 0.3094



86.3359, 0.2992, 0.3858



18.0559, 0.3258, 0.3235



11.2925, 0.5992, 0.3075



1.1154, 0.5683, 0.2904

Previews

White Background



This preview shows how the Yxy color 60.6885, 0.3037, 0.2588 looks on a white background.

Color Contrast Check

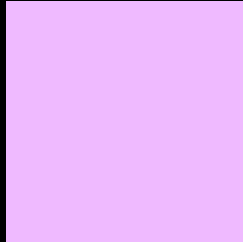
Large Text (above 18pt) WCAG AA × Fail

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 60.6885, 0.3037, 0.2588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

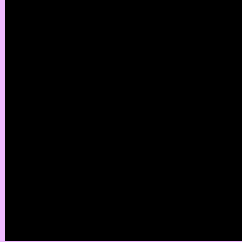
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6885, 0.3037, 0.2588

Background



This preview shows how black text looks on a background with the Yxy color 60.6885, 0.3037, 0.2588.

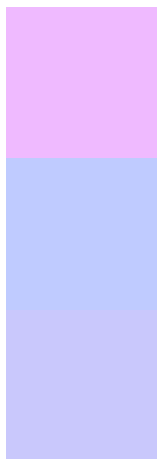


This preview shows how white text looks on a background with the Yxy color 60.6885, 0.3037, 0.2588.

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

60.6885, 0.3037, 0.2588

Protanopia

61.0082, 0.2705, 0.2711

Deuteranopia

60.7543, 0.2787, 0.2717



Tritanopia

60.8392, 0.3311, 0.3127

Trichromacy



Original Color

60.6885, 0.3037, 0.2588



Protanomaly

60.5624, 0.2814, 0.2662



Deuteranomaly

60.5691, 0.2875, 0.2668



Tritanomaly

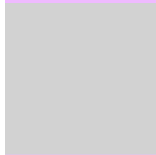
60.8524, 0.3215, 0.2927

Monochromacy



Original Color

60.6885, 0.3037, 0.2588



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

62.6364, 0.3102, 0.3015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6885, 0.3037, 0.2588 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, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 186, 255)  
}
```

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, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 186, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.6885, 0.3037, 0.2588 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, 186, 255) }
```

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

```
.border{ border-color:rgb(239, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 186,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6885, 0.3037, 0.2588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 186, 255) }
```

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

```
.background{ background-color: rgb(239,  
186, 255) }
```

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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