

Converting Colors

$Y_{xy}(60.1485, 0.2936, 0.2610)$

Have a look what the booklet for
Yxy(60.1485, 0.2936, 0.2610)
contains.

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Color

Yxy(60.0545, 0.2933, 0.2609)

Conversions

Conversions Part 1

Format	Color
Hex	E1BEFF
RGB	225, 190, 255
RGB Percent	88%, 75%, 100%
CMY	0.1176, 0.2549, 0.0001
CMYK	0.12, 0.25, 0.00, 0.00
HSL	272°, 100%, 87%
HSV	272°, 25%, 100%
XYZ	67.5124, 60.0545, 102.6152
YIQ	207.8750, -0.0050, 27.6350

Conversions

Conversions Part 2

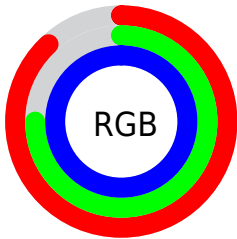
Format	Color
R _Y B	225, 190, 255
Decimal	14794495
CIE Lab	81.87, 24.28, -27.35
CIE LCh	82, 36.569, 311.594
Yxy	60.0545, 0.2933, 0.2609
Android (android.graphics.Color)	4292984575 (0xFFE1BEFF)
YUV	207.8750, 23.2326, 15.0186
Hunter-Lab	77.4948, 19.8907, -24.2628

Details

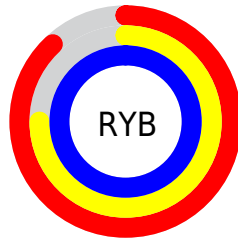
The Yxy color $60.0545, 0.2933, 0.2609$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $90.4298, 0.3281, 0.3980$, and the grayscale version is $62.8397, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.3915, 0.3131, 0.3204$, and $30.1206, 0.2878, 0.2452$ is the 20% darker color. If you saturate the color by 10%, you get $48.1354, 0.2835, 0.2316$, and if you desaturate by 10%, it is $74.0407, 0.3018, 0.2890$.

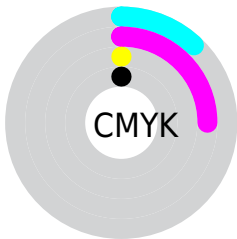
Distribution



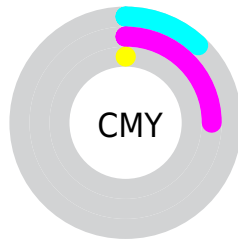
- Red (88%)
- Green (75%)
- Blue (100%)



- Red (88%)
- Yellow (75%)
- Blue (100%)



- Cyan (12%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0545, 0.2933, 0.2609 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 60.0545, 0.2933, 0.2609 by changing the saturation by 10% instead.


 60.0545, 0.2933,
0.2609

 60.0545, 0.2933,
0.2609


424.7986, 0.3030,
0.2918

 43.4626, 0.2909,
0.2540


 104.9087, 0.2968,
0.2715

 30.2482, 0.2879,
0.2456


133.9398, 0.2981,
0.2756

 20.0271, 0.2839,
0.2352


167.8860, 0.2993,
0.2792

 12.4147, 0.2786,
0.2218

207.1319, 0.3002,
0.2824

 7.0268, 0.2710,
0.2042

252.0616, 0.3011,
0.2851

 3.4789, 0.2595,
0.1801

303.0597, 0.3018,

 1.3865, 0.2407,

0.2876

0.1458

360.5106, 0.3025,
0.2898

0.2068, 0.2149,
0.0563

0.0000, 0.0000,
0.0000

60.0545, 0.2933,
0.2609

60.0545, 0.2933,
0.2609

48.1354, 0.2835,
0.2316

74.0407, 0.3018,
0.2890

38.1726, 0.2726,
0.2021

90.1824, 0.3092,
0.3154

30.0563, 0.2608,
0.1735

99.9981, 0.3127,
0.3290

23.6622, 0.2484,
0.1473

■ 18.8503, 0.2359,
0.1250

■ 15.4573, 0.2239,
0.1078

■ 13.2820, 0.2129,
0.0960

■ 12.5684, 0.2082,
0.0921

Harmonies

Analogous

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



60.0545, 0.2540, 0.2537



60.0545, 0.2933, 0.2609



60.0545, 0.3410, 0.2831

Triad

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



60.0545, 0.2933, 0.2609



60.0545, 0.4000, 0.3881



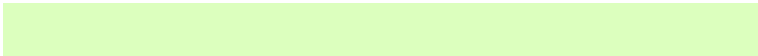
60.0545, 0.2456, 0.3372

Complementary

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



60.0545, 0.2933, 0.2609



90.4298, 0.3281, 0.3980

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.



60.0545, 0.2810, 0.3824



60.0545, 0.2933, 0.2609



60.0545, 0.3705, 0.4109

Square

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



60.0545, 0.2933, 0.2609



60.0545, 0.4054, 0.3533



60.0545, 0.3266, 0.4105



60.0545, 0.2282, 0.2935

Rectangle

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



60.0545, 0.2933, 0.2609



60.0545, 0.3708, 0.3041



60.0545, 0.3266, 0.4105



60.0545, 0.2556, 0.3530

Sweetspot

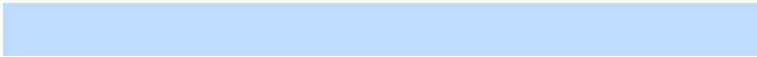
The Sweet Spot groups the original color and five complimentary colors.



60.0570, 0.2933, 0.2609



85.9269, 0.3074, 0.3090



69.5224, 0.2717, 0.2908



17.8598, 0.3064, 0.3050



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.



60.0570, 0.2933, 0.2609



53.2402, 0.2881, 0.2448



65.1637, 0.3173, 0.2673



17.8598, 0.3064, 0.3050



6.6588, 0.2099, 0.0930



0.7134, 0.2217, 0.0995

Inverse Universe

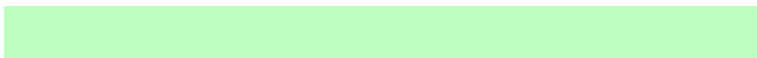
The Inverse Universe completely reimagines the original color for something new.



63.2499, 0.3424, 0.2985



57.0652, 0.3510, 0.2916



86.2626, 0.3081, 0.3996



18.1265, 0.3221, 0.3181



11.8168, 0.5129, 0.2599



1.1723, 0.4854, 0.2448

Previews

White Background



This preview shows how the Yxy color 60.0545, 0.2933, 0.2609 looks on a white background.

Color Contrast Check

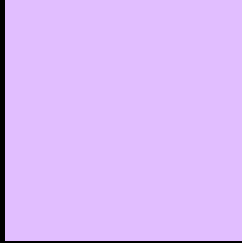
Large Text (above 18pt) WCAG AA × Fail

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 60.0545, 0.2933, 0.2609 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 60.0545, 0.2933, 0.2609

Background



This preview shows how black text looks on a background with the Yxy color 60.0545, 0.2933, 0.2609.

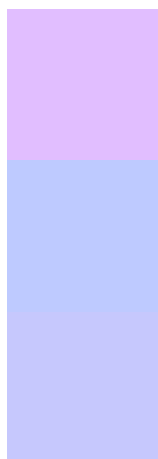


This preview shows how white text looks on a background with the Yxy color 60.0545, 0.2933, 0.2609.

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

60.0545, 0.2933, 0.2609

Protanopia

60.4082, 0.2698, 0.2698

Deuteranopia

60.4062, 0.2760, 0.2704



Tritanopia

60.0977, 0.3174, 0.3121

Trichromacy



Original Color

60.0545, 0.2933, 0.2609

Protanomaly

60.3047, 0.2781, 0.2667

Deuteranomaly

60.0455, 0.2820, 0.2661

Tritanomaly

60.0038, 0.3090, 0.2927

Monochromacy



Original Color

60.0545, 0.2933, 0.2609

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.5057, 0.3056, 0.3022

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0545, 0.2933, 0.2609 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(225, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 190, 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(225, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 190, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.0545, 0.2933, 0.2609 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(225, 190, 255) }
```

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

```
.border{ border-color:rgb(225, 190, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 190,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0545, 0.2933, 0.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 190, 255) }
```

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

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