

Converting Colors

$Y_{xy}(60.2739, 0.2996, 0.2593)$

Have a look what the booklet for
Yxy(60.2739, 0.2996, 0.2593)
contains.

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Color

Yxy(60.2531, 0.2999, 0.2591)

Conversions

Conversions Part 1

Format	Color
Hex	EABBF
RGB	234, 187, 255
RGB Percent	92%, 73%, 100%
CMY	0.0825, 0.2666, 0.0000
CMYK	0.08, 0.27, 0.00, 0.00
HSL	281°, 100%, 87%
HSV	281°, 27%, 100%
XYZ	69.7410, 60.2531, 102.5535
YIQ	208.8050, 6.1840, 31.1120

Conversions

Conversions Part 2

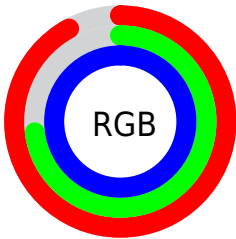
Format	Color
R_{YB}	234, 187, 255
Decimal	15383551
CIE _{Lab}	81.98, 28.67, -27.12
CIE _{LCh}	82, 39.465, 316.585
Yxy	60.2531, 0.2999, 0.2591
Android (android.graphics.Color)	4293573631 (0xFFEABBF)
YUV	208.8050, 22.7741, 22.0960
Hunter-Lab	77.6229, 24.5351, -23.9966

Details

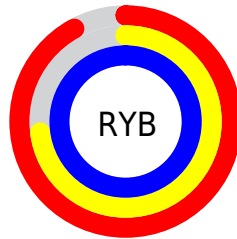
The Yxy color **60.2531, 0.2999, 0.2591** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.5204, 0.3221, 0.4030**, and the grayscale version is **63.4726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **30.3173, 0.2965, 0.2433** is the 20% darker color. If you saturate the color by 10%, you get **49.0731, 0.2935, 0.2313**, and if you desaturate by 10%, it is **73.4186, 0.3054, 0.2864**.

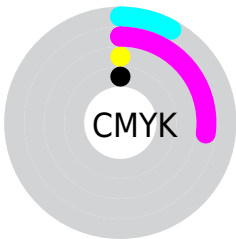
Distribution



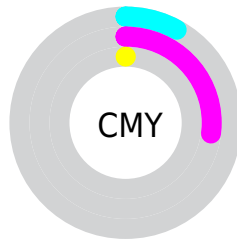
- Red (92%)
- Green (73%)
- Blue (100%)



- Red (92%)
- Yellow (73%)
- Blue (100%)



- Cyan (8%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (8%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2531, 0.2999, 0.2591 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 60.2531, 0.2999, 0.2591 by changing the saturation by 10% instead.

 60.2531, 0.2999,
0.2591

 60.2531, 0.2999,
0.2591

425.5301, 0.3066,
0.2906

 43.6227, 0.2982,
0.2521


 105.1967, 0.3024,
0.2699

 30.3740, 0.2960,
0.2436


134.2787, 0.3033,
0.2741

 20.1226, 0.2931,
0.2331

168.2800, 0.3041,
0.2778

 12.4842, 0.2891,
0.2196

207.5851, 0.3047,
0.2810

 7.0743, 0.2833,
0.2019

252.5782, 0.3053,
0.2838

 3.5086, 0.2743,
0.1779

303.6438, 0.3058,

 1.4027, 0.2592,

0.2864

0.1438

361.1663, 0.3062,
0.2886

0.2187, 0.2393,
0.0576

0.0000, 0.0000,
0.0000

60.2531, 0.2999,
0.2591

60.2531, 0.2999,
0.2591

49.0731, 0.2935,
0.2313

73.4186, 0.3054,
0.2864

39.7684, 0.2864,
0.2040

88.6566, 0.3101,
0.3125

32.2299, 0.2785,
0.1783

99.9994, 0.3127,
0.3290

26.3338, 0.2702,
0.1555

■ 21.9396, 0.2617,
0.1366

■ 18.8829, 0.2532,
0.1225

■ 16.9571, 0.2452,
0.1134

■ 16.4611, 0.2426,
0.1110

Harmonies

Analogous

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



60.2531, 0.2556, 0.2485



60.2531, 0.2999, 0.2591



60.2531, 0.3516, 0.2849

Triad

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



60.2531, 0.2999, 0.2591



60.2531, 0.4029, 0.3974



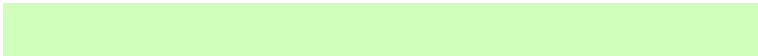
60.2531, 0.2360, 0.3291

Complementary

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



60.2531, 0.2999, 0.2591



88.5204, 0.3221, 0.4030

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.



60.2531, 0.2710, 0.3795



60.2531, 0.2999, 0.2591



60.2531, 0.3674, 0.4192

Square

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



60.2531, 0.2999, 0.2591



60.2531, 0.4138, 0.3612



60.2531, 0.3189, 0.4143



60.2531, 0.2212, 0.2840

Rectangle

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



60.2531, 0.2999, 0.2591



60.2531, 0.3824, 0.3082



60.2531, 0.3189, 0.4143



60.2531, 0.2457, 0.3462

Sweetspot

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



60.2557, 0.2999, 0.2591



86.4904, 0.3095, 0.3091



63.1654, 0.2686, 0.2771



18.0019, 0.3088, 0.3052



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.



60.2557, 0.2999, 0.2591



54.0431, 0.2966, 0.2443



63.2512, 0.3251, 0.2738



18.0019, 0.3088, 0.3052



8.6845, 0.2438, 0.1117



0.9034, 0.2528, 0.1166

Inverse Universe

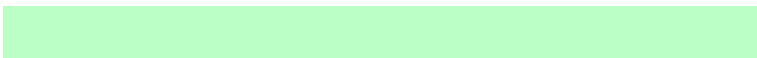
The Inverse Universe completely reimagines the original color for something new.



61.3651, 0.3527, 0.3074



55.4079, 0.3637, 0.3029



86.2279, 0.3024, 0.3914



18.0796, 0.3245, 0.3217



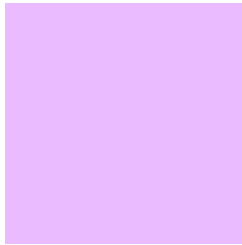
11.4263, 0.5735, 0.2933



1.1312, 0.5415, 0.2757

Previews

White Background



This preview shows how the Yxy color 60.2531, 0.2999, 0.2591 looks on a white background.

Color Contrast Check

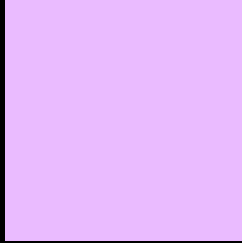
Large Text (above 18pt) WCAG AA × Fail

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 60.2531, 0.2999, 0.2591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

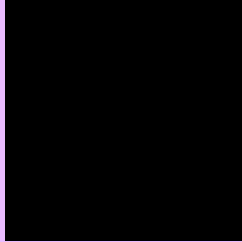
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2531, 0.2999, 0.2591

Background



This preview shows how black text looks on a background with the Yxy color 60.2531, 0.2999, 0.2591.

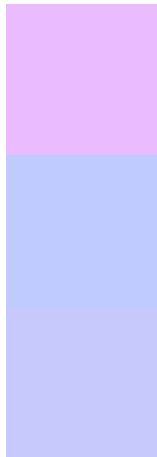


This preview shows how white text looks on a background with the Yxy color 60.2531, 0.2999, 0.2591.

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

60.2531, 0.2999, 0.2591

Protanopia

60.5374, 0.2704, 0.2699

Deuteranopia

60.4789, 0.2773, 0.2715



Tritanopia

60.0643, 0.3263, 0.3113

Trichromacy



Original Color

60.2531, 0.2999, 0.2591



Protanomaly

60.4179, 0.2807, 0.2661



Deuteranomaly

60.1191, 0.2854, 0.2664



Tritanomaly

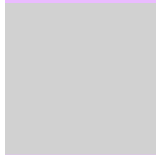
60.0683, 0.3169, 0.2913

Monochromacy



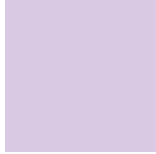
Original Color

60.2531, 0.2999, 0.2591



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

62.1697, 0.3079, 0.3014

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2531, 0.2999, 0.2591 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(234, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 187, 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(234, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 187, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.2531, 0.2999, 0.2591 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(234, 187, 255) }
```

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

```
.border{ border-color:rgb(234, 187, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 187, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 187,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2531, 0.2999, 0.2591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 187, 255) }
```

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

```
.background{ background-color: rgb(234,  
187, 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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