

Converting Colors

Yxy(60.5515, 0.3028, 0.2588)

Have a look what the booklet for
Yxy(60.5515, 0.3028, 0.2588)
contains.

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Color

Yxy(60.5150, 0.3029, 0.2587)

Conversions

Conversions Part 1

Format	Color
Hex	EEBAFF
RGB	238, 186, 255
RGB Percent	93%, 73%, 100%
CMY	0.0669, 0.2705, 0.0000
CMYK	0.07, 0.27, 0.00, 0.00
HSL	285°, 100%, 86%
HSV	285°, 27%, 100%
XYZ	70.8542, 60.5150, 102.5504
YIQ	209.4140, 8.8430, 32.4830

Conversions

Conversions Part 2

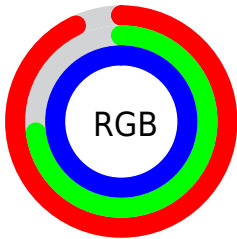
Format	Color
R _Y B	238, 186, 255
Decimal	15645439
CIE Lab	82.12, 30.44, -26.88
CIE LCh	82, 40.610, 318.560
Yxy	60.5150, 0.3029, 0.2587
Android (android.graphics.Color)	4293835519 (0xFFEEBAFF)
YUV	209.4140, 22.4739, 25.0699
Hunter-Lab	77.7914, 26.4471, -23.7065

Details

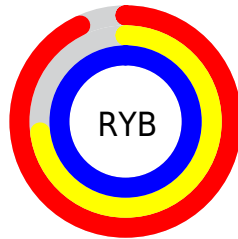
The Yxy color **60.5150, 0.3029, 0.2587** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.7722, 0.3195, 0.4048**, and the grayscale version is **63.8905, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **30.4035, 0.2995, 0.2428** is the 20% darker color. If you saturate the color by 10%, you get **49.6412, 0.2980, 0.2316**, and if you desaturate by 10%, it is **73.3493, 0.3071, 0.2856**.

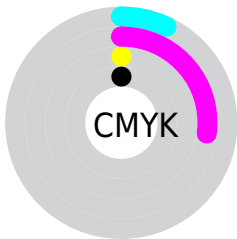
Distribution



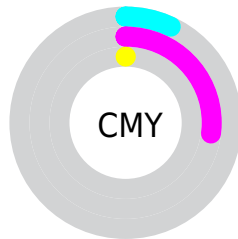
- Red (93%)
- Green (73%)
- Blue (100%)



- Red (93%)
- Yellow (73%)
- Blue (100%)



- Cyan (7%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5150, 0.3029, 0.2587 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 60.5150, 0.3029, 0.2587 by changing the saturation by 10% instead.


 60.5150, 0.3029,
0.2587

 60.5150, 0.3029,
0.2587


426.4935, 0.3082,
0.2903

 43.8339, 0.3015,
0.2517

 105.5764, 0.3049,
0.2695

 30.5399, 0.2997,
0.2432


134.7254, 0.3056,
0.2737

 20.2488, 0.2973,
0.2326


168.7992, 0.3062,
0.2774

 12.5760, 0.2939,
0.2192

208.1822, 0.3068,
0.2807

 7.1372, 0.2890,
0.2016

253.2587, 0.3072,
0.2835

 3.5481, 0.2812,
0.1777

304.4131, 0.3076,

 1.4241, 0.2678,

0.2860

0.1439

362.0299, 0.3079,
0.2883

0.2344, 0.2507,
0.0604

0.0000, 0.0000,
0.0000

60.5150, 0.3029,
0.2587

60.5150, 0.3029,
0.2587

49.6412, 0.2980,
0.2316

73.3493, 0.3071,
0.2856

40.6178, 0.2925,
0.2053

88.2312, 0.3106,
0.3116

33.3356, 0.2863,
0.1808

99.9998, 0.3127,
0.3290

27.6706, 0.2798,
0.1594

■ 23.4822, 0.2730,
0.1420

■ 20.6050, 0.2663,
0.1293

■ 18.8281, 0.2597,
0.1213

■ 18.4201, 0.2578,
0.1194

Harmonies

Analogous

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



60.5150, 0.2566, 0.2466



60.5150, 0.3029, 0.2587



60.5150, 0.3560, 0.2860

Triad

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



60.5150, 0.3029, 0.2587



60.5150, 0.4035, 0.4012



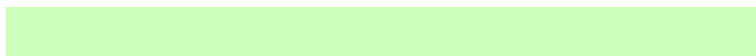
60.5150, 0.2324, 0.3255

Complementary

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



60.5150, 0.3029, 0.2587



87.7722, 0.3195, 0.4048

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.



60.5150, 0.2669, 0.3778



60.5150, 0.3029, 0.2587



60.5150, 0.3657, 0.4223

Square

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



60.5150, 0.3029, 0.2587



60.5150, 0.4167, 0.3644



60.5150, 0.3155, 0.4154



60.5150, 0.2187, 0.2802

Rectangle

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



60.5150, 0.3029, 0.2587



60.5150, 0.3870, 0.3102



60.5150, 0.3155, 0.4154



60.5150, 0.2418, 0.3431

Sweetspot

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



60.5176, 0.3029, 0.2587



86.7238, 0.3103, 0.3091



60.5025, 0.2674, 0.2709



18.0609, 0.3098, 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.



60.5176, 0.3029, 0.2587



54.8933, 0.3006, 0.2453



62.5481, 0.3289, 0.2772



18.0609, 0.3098, 0.3053



9.6989, 0.2589, 0.1200



0.9954, 0.2663, 0.1240

Inverse Universe

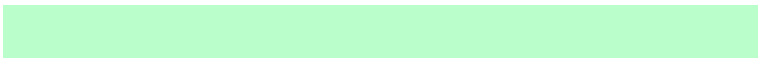
The Inverse Universe completely reimagines the original color for something new.



60.7051, 0.3571, 0.3115



55.1767, 0.3683, 0.3081



86.2855, 0.2998, 0.3871



18.0607, 0.3255, 0.3231



11.3163, 0.5944, 0.3048



1.1183, 0.5630, 0.2875

Previews

White Background



This preview shows how the Yxy color 60.5150, 0.3029, 0.2587 looks on a white background.

Color Contrast Check

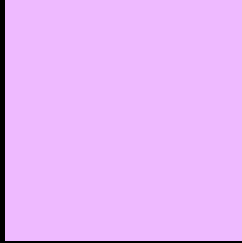
Large Text (above 18pt) WCAG AA × Fail

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 60.5150, 0.3029, 0.2587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

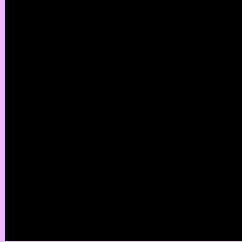
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5150, 0.3029, 0.2587

Background



This preview shows how black text looks on a background with the Yxy color 60.5150, 0.3029, 0.2587.



This preview shows how white text looks on a background with the Yxy color 60.5150, 0.3029, 0.2587.

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

60.5150, 0.3029, 0.2587

Protanopia

61.0082, 0.2705, 0.2711

Deuteranopia

60.6162, 0.2780, 0.2716



Tritanopia

60.6723, 0.3303, 0.3126

Trichromacy



Original Color

60.5150, 0.3029, 0.2587

Protanomaly

60.5624, 0.2814, 0.2662

Deuteranomaly

60.4182, 0.2868, 0.2667

Tritanomaly

60.6827, 0.3208, 0.2927

Monochromacy



Original Color

60.5150, 0.3029, 0.2587

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.4799, 0.3094, 0.3015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5150, 0.3029, 0.2587 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(238, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 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(238, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 186, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.5150, 0.3029, 0.2587 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(238, 186, 255) }
```

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

```
.border{ border-color:rgb(238, 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(238, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 186,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5150, 0.3029, 0.2587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 186, 255) }
```

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

```
.background{ background-color: rgb(238,  
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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