

Converting Colors

$Yxy(60.6691, 0.3018, 0.2729)$

Have a look what the booklet for
Yxy(60.6691, 0.3018, 0.2729)
contains.

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Color

Yxy(60.6227, 0.3016, 0.2728)

Conversions

Conversions Part 1

Format	Color
Hex	E3C0F5
RGB	227, 192, 245
RGB Percent	89%, 75%, 96%
CMY	0.1096, 0.2471, 0.0391
CMYK	0.07, 0.22, 0.00, 0.04
HSL	280°, 73%, 86%
HSV	280°, 22%, 96%
XYZ	67.0228, 60.6227, 94.5785
YIQ	208.5070, 3.8470, 23.9030

Conversions

Conversions Part 2

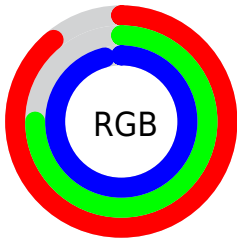
Format	Color
RYB	227, 192, 245
Decimal	14926069
CIELab	82.18, 21.87, -21.56
CIElCh	82, 30.709, 315.408
Yxy	60.6227, 0.3016, 0.2728
Android (android.graphics.Color)	4293116149 (0xFFE3C0F5)
YUV	208.5070, 17.9910, 16.2184
Hunter-Lab	77.8606, 17.3976, -17.5181

Details

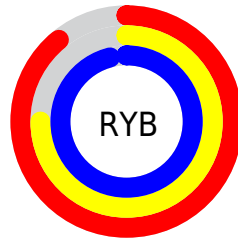
The Yxy color **60.6227, 0.3016, 0.2728** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **82.8261, 0.3215, 0.3874**, and the grayscale version is **63.3062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **30.5090, 0.2978, 0.2591** is the 20% darker color. If you saturate the color by 10%, you get **49.4278, 0.2950, 0.2450**, and if you desaturate by 10%, it is **73.6791, 0.3072, 0.2997**.

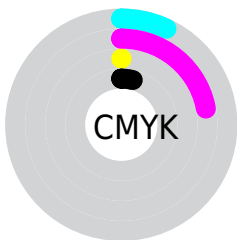
Distribution



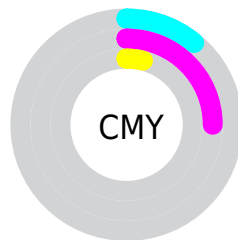
- Red (89%)
- Green (75%)
- Blue (96%)



- Red (89%)
- Yellow (75%)
- Blue (96%)



- Cyan (7%)
- Magenta (22%)
- Yellow (0%)
- Black (4%)




- Cyan (11%)
- Magenta (25%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6227, 0.3016, 0.2728 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 60.6227, 0.3016, 0.2728 by changing the saturation by 10% instead.

 60.6227, 0.3016,
0.2728

 60.6227, 0.3016,
0.2728

426.8892, 0.3073,
0.2985

 43.9207, 0.3002,
0.2670


 105.7324, 0.3037,
0.2816

 30.6082, 0.2984,
0.2599


134.9090, 0.3045,
0.2851

 20.3007, 0.2959,
0.2510


169.0126, 0.3051,
0.2881

 12.6138, 0.2926,
0.2396

208.4276, 0.3057,
0.2907

 7.1632, 0.2878,
0.2243

253.5383, 0.3062,
0.2930

 3.5643, 0.2804,
0.2029


304.7293, 0.3066,

 1.4330, 0.2675,

0.2950


0.1713


362.3848, 0.3070,
0.2969


 0.2408, 0.2527,
0.0798


 0.0000, 0.0000,
0.0000

 60.6227, 0.3016,
0.2728


 60.6227, 0.3016,
0.2728

 49.4278, 0.2950,
0.2450


 73.6791, 0.3072,
0.2997

 39.9973, 0.2875,
0.2170

 88.6727, 0.3120,
0.3250

 32.2365, 0.2792,
0.1899

 98.8043, 0.3166,
0.3386

 26.0389, 0.2703,
0.1649

 99.3744, 0.3185,
0.3386

■ 21.2851, 0.2610,
0.1433

■ 17.8380, 0.2517,
0.1261

■ 15.5330, 0.2427,
0.1140

■ 14.2695, 0.2356,
0.1072

Harmonies

Analogous

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



60.6227, 0.2668, 0.2651



60.6227, 0.3016, 0.2728



60.6227, 0.3417, 0.2932

Triad

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



60.6227, 0.3016, 0.2728



60.6227, 0.3840, 0.3826



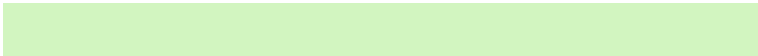
60.6227, 0.2533, 0.3313

Complementary

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



60.6227, 0.3016, 0.2728



82.8261, 0.3215, 0.3874

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.



60.6227, 0.2819, 0.3690



60.6227, 0.3016, 0.2728



60.6227, 0.3575, 0.3987

Square

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



60.6227, 0.3016, 0.2728



60.6227, 0.3909, 0.3543



60.6227, 0.3199, 0.3946



60.6227, 0.2404, 0.2958

Rectangle

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



60.6227, 0.3016, 0.2728



60.6227, 0.3655, 0.3120



60.6227, 0.3199, 0.3946



60.6227, 0.2613, 0.3443

Sweetspot

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



60.6253, 0.3016, 0.2728



89.6529, 0.3100, 0.3142



64.1649, 0.2777, 0.2902



18.9585, 0.3097, 0.3125



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.



60.6253, 0.3016, 0.2728



60.7288, 0.2988, 0.2606



63.2297, 0.3211, 0.2827



16.4705, 0.3084, 0.3053



7.7644, 0.2370, 0.1079



0.7388, 0.2476, 0.1138

Inverse Universe

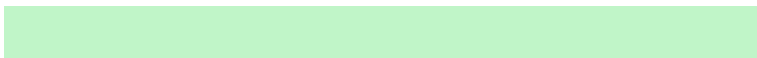
The Inverse Universe completely reimagines the original color for something new.



61.7628, 0.3421, 0.3101



62.2386, 0.3498, 0.3060



80.6953, 0.3053, 0.3801



16.5752, 0.3240, 0.3210



10.8182, 0.5620, 0.2870



0.9693, 0.5270, 0.2677

Previews

White Background



This preview shows how the Yxy color 60.6227, 0.3016, 0.2728 looks on a white background.

Color Contrast Check

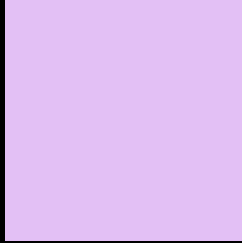
Large Text (above 18pt) WCAG AA × Fail

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 60.6227, 0.3016, 0.2728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

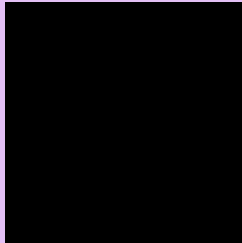
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6227, 0.3016, 0.2728

Background



This preview shows how black text looks on a background with the Yxy color 60.6227, 0.3016, 0.2728.

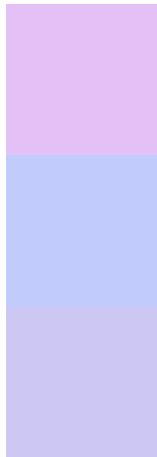


This preview shows how white text looks on a background with the Yxy color 60.6227, 0.3016, 0.2728.

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

60.6227, 0.3016, 0.2728

Protanopia

61.0776, 0.2736, 0.2743

Deuteranopia

60.7588, 0.2870, 0.2813



Tritanopia

60.7219, 0.3206, 0.3123

Trichromacy



Original Color

60.6227, 0.3016, 0.2728

Protanomaly

60.6655, 0.2832, 0.2740

Deuteranomaly

60.6103, 0.2920, 0.2777

Tritanomaly

60.7634, 0.3134, 0.2972

Monochromacy



Original Color

60.6227, 0.3016, 0.2728

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.5847, 0.3092, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6227, 0.3016, 0.2728 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(227, 192, 245)` looks like.

```
.text, #text, p{  
    color:rgb(227, 192, 245)  
}
```

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(227, 192, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 192, 245) }
```

Border

The CSS property to change the border of an element to Yxy 60.6227, 0.3016, 0.2728 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(227, 192, 245) }
```

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

```
.border{ border-color:rgb(227, 192, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 192, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 192, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 192, 245);  
box-shadow:4px 4px 4px 4px rgb(227, 192,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6227, 0.3016, 0.2728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 192, 245) }
```

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

```
.background{ background-color: rgb(227,  
192, 245) }
```

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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