

Converting Colors

Yxy(69.6388, 0.2475, 0.1888)

Have a look what the booklet for
Yxy(69.6388, 0.2475, 0.1888)
contains.

Yxy(61.7923, 0.3029, 0.2618)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.7923, 0.3029, 0.2618)

Conversions

Conversions Part 1

Format	Color
Hex	EEBDFE
RGB	238, 189, 255
RGB Percent	93%, 74%, 100%
CMY	0.0668, 0.2587, 0.0001
CMYK	0.07, 0.26, 0.00, 0.00
HSL	285°, 100%, 87%
HSV	285°, 26%, 100%
XYZ	71.4931, 61.7923, 102.7433
YIQ	211.1750, 8.0180, 30.9140

Conversions

Conversions Part 2

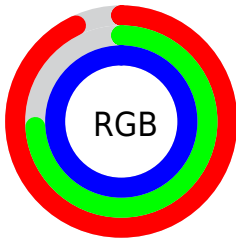
Format	Color
R _Y B	238, 189, 255
Decimal	15646207
CIE Lab	82.80, 28.85, -25.82
CIE LCh	83, 38.713, 318.171
Yxy	61.7923, 0.3029, 0.2618
Android (android.graphics.Color)	4293836287 (0xFFEEBDF5)
YUV	211.1750, 21.6057, 23.5255
Hunter-Lab	78.6081, 24.7794, -22.4683

Details

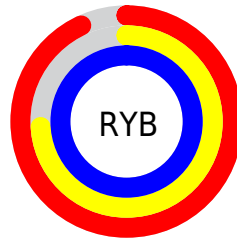
The Yxy color **61.7923, 0.3029, 0.2618** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.3060, 0.3197, 0.4010**, and the grayscale version is **65.1131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **31.2289, 0.2995, 0.2467** is the 20% darker color. If you saturate the color by 10%, you get **50.6533, 0.2978, 0.2346**, and if you desaturate by 10%, it is **74.9064, 0.3072, 0.2887**.

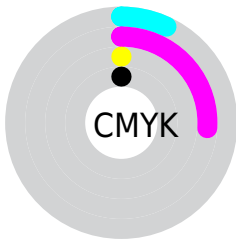
Distribution



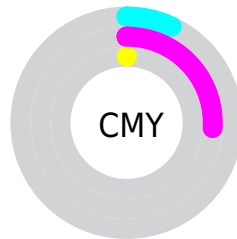
- Red (93%)
- Green (74%)
- Blue (100%)



- Red (93%)
- Yellow (74%)
- Blue (100%)



- Cyan (7%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7923, 0.3029, 0.2618 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 61.7923, 0.3029, 0.2618 by changing the saturation by 10% instead.


 61.7923, 0.3029,
0.2618

 61.7923, 0.3029,
0.2618

431.1731, 0.3082,
0.2920

 44.8649, 0.3015,
0.2551


 107.4253, 0.3049,
0.2721

 31.3510, 0.2998,
0.2470

136.8997, 0.3056,
0.2762

 20.8663, 0.2975,
0.2369


171.3251, 0.3062,
0.2797

 13.0263, 0.2942,
0.2240

211.0861, 0.3067,
0.2828

 7.4467, 0.2895,
0.2071

256.5670, 0.3071,
0.2855

 3.7430, 0.2821,
0.1841


308.1522, 0.3075,

 1.5308, 0.2695,

0.2879

0.1515


366.2261, 0.3079,
0.2901


 0.3103, 0.2518,
0.0774


 0.0000, 0.0000,
0.0000


 61.7923, 0.3029,
0.2618


 61.7923, 0.3029,
0.2618

 50.6533, 0.2978,
0.2346


 74.9064, 0.3072,
0.2887

 41.3801, 0.2921,
0.2079

 90.0817, 0.3109,
0.3145

 33.8648, 0.2857,
0.1830

99.9983, 0.3127,
0.3290

 27.9850, 0.2789,
0.1609

■ 23.6023, 0.2718,
0.1428

■ 20.5548, 0.2648,
0.1293

■ 18.6419, 0.2579,
0.1206

■ 18.0612, 0.2552,
0.1179

Harmonies

Analogous

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



61.7923, 0.2590, 0.2506



61.7923, 0.3029, 0.2618



61.7923, 0.3531, 0.2877

Triad

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



61.7923, 0.3029, 0.2618



61.7923, 0.3992, 0.3974



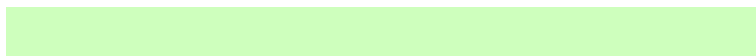
61.7923, 0.2367, 0.3266

Complementary

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



61.7923, 0.3029, 0.2618



88.3060, 0.3197, 0.4010

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.



61.7923, 0.2699, 0.3756



61.7923, 0.3029, 0.2618



61.7923, 0.3638, 0.4172

Square

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



61.7923, 0.3029, 0.2618



61.7923, 0.4112, 0.3626



61.7923, 0.3163, 0.4107



61.7923, 0.2233, 0.2834

Rectangle

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



61.7923, 0.3029, 0.2618



61.7923, 0.3825, 0.3108



61.7923, 0.3163, 0.4107



61.7923, 0.2458, 0.3432

Sweetspot

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



61.7949, 0.3029, 0.2618



86.6832, 0.3102, 0.3091



62.4786, 0.2697, 0.2751



18.0507, 0.3096, 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.



61.7949, 0.3029, 0.2618



55.8460, 0.3004, 0.2478



63.9283, 0.3272, 0.2785



18.0507, 0.3096, 0.3053



9.5151, 0.2563, 0.1185



0.9789, 0.2639, 0.1227

Inverse Universe

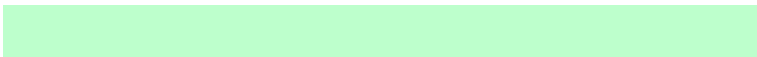
The Inverse Universe completely reimagines the original color for something new.



62.1199, 0.3540, 0.3116



56.2923, 0.3651, 0.3079



86.7047, 0.3009, 0.3854



18.0640, 0.3254, 0.3229



11.3335, 0.5910, 0.3030



1.1204, 0.5594, 0.2855

Previews

White Background



This preview shows how the Yxy color 61.7923, 0.3029, 0.2618 looks on a white background.

Color Contrast Check

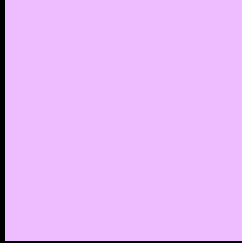
Large Text (above 18pt) WCAG AA × Fail

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 61.7923, 0.3029, 0.2618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

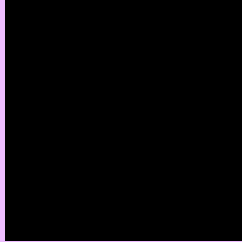
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7923, 0.3029, 0.2618

Background



This preview shows how black text looks on a background with the Yxy color 61.7923, 0.3029, 0.2618.

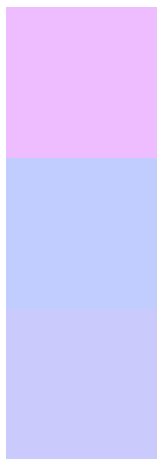


This preview shows how white text looks on a background with the Yxy color 61.7923, 0.3029, 0.2618.

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

61.7923, 0.3029, 0.2618

Protanopia

62.3520, 0.2727, 0.2737

Deuteranopia

61.9658, 0.2802, 0.2742



Tritanopia

61.8418, 0.3293, 0.3127

Trichromacy



Original Color

61.7923, 0.3029, 0.2618



Protanomaly

61.7685, 0.2829, 0.2686



Deuteranomaly

61.6233, 0.2883, 0.2691



Tritanomaly

61.6774, 0.3191, 0.2928

Monochromacy



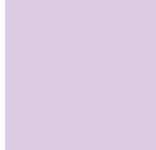
Original Color

61.7923, 0.3029, 0.2618



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

63.6301, 0.3094, 0.3027

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7923, 0.3029, 0.2618 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, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 189, 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, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 189, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.7923, 0.3029, 0.2618 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, 189, 255) }
```

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

```
.border{ border-color:rgb(238, 189, 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, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 189,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7923, 0.3029, 0.2618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 189, 255) }
```

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

```
.background{ background-color: rgb(238,  
189, 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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