

Converting Colors

$Y_{xy}(28.9119, 0.3213, 0.1902)$

Have a look what the booklet for
Yxy(28.9119, 0.3213, 0.1902)
contains.

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Color

Yxy(28.9119, 0.3213, 0.1902)

Conversions

Conversions Part 1

Format	Color
Hex	E359E1
RGB	227, 89, 225
RGB Percent	89%, 35%, 88%
CMY	0.1099, 0.6509, 0.1176
CMYK	0.00, 0.61, 0.01, 0.11
HSL	301°, 71%, 62%
HSV	301°, 61%, 89%
XYZ	48.8401, 28.9119, 74.2559
YIQ	145.7660, 38.5920, 71.5520

Conversions

Conversions Part 2

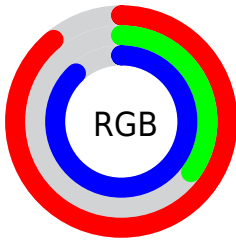
Format	Color
R _Y B	227, 89, 225
Decimal	14899681
CIE Lab	60.70, 69.86, -43.80
CIE LCh	61, 82.455, 327.917
Yxy	28.9119, 0.3213, 0.1902
Android (android.graphics.Color)	4293089761 (0xFFE359E1)
YUV	145.7660, 39.0624, 71.2422
Hunter-Lab	53.7698, 68.0379, -44.2404

Details

The Yxy color **28.9119, 0.3213, 0.1902** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **57.8098, 0.3027, 0.5228**, and the grayscale version is **28.4719, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3474, 0.3176, 0.2248**, and **11.6551, 0.3193, 0.1581** is the 20% darker color. If you saturate the color by 10%, you get **25.6819, 0.3224, 0.1755**, and if you desaturate by 10%, it is **33.3088, 0.3200, 0.2087**.

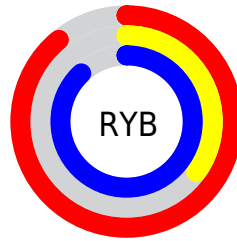
Distribution



Red (89%)

Green (35%)

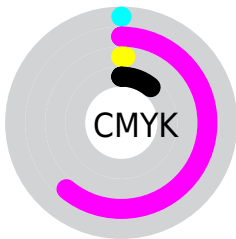
Blue (88%)



Red (89%)

Yellow (35%)

Blue (88%)

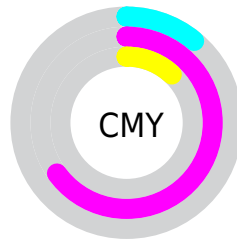


Cyan (0%)

Magenta (61%)

Yellow (1%)

Black (11%)



Cyan (11%)


Magenta (65%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9119, 0.3213, 0.1902 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 28.9119, 0.3213, 0.1902 by changing the saturation by 10% instead.


 28.9119, 0.3213,
0.1902


 28.9119, 0.3213,
0.1902


296.7991, 0.3201,
0.2550


 19.0142, 0.3207,
0.1757


 57.9371, 0.3216,
0.2125


 11.6805, 0.3194,
0.1581


 77.8333, 0.3215,
0.2213

 6.5265, 0.3169,
0.1364


 101.8312, 0.3213,
0.2288

 3.1678, 0.3121,
0.1096

 130.3152, 0.3211,
0.2354

 1.2200, 0.3026,
0.0767

163.6695, 0.3209,
0.2412

 0.0779, 0.2912,
0.0105

202.2787, 0.3206,


 0.0000, 0.2396,


0.2463


0.0000


246.5271, 0.3204,
0.2509


 0.0000, 0.0000,
0.0000


 28.9119, 0.3213,
0.1902


 28.9119, 0.3213,
0.1902


 25.6819, 0.3224,
0.1755


 33.3088, 0.3200,
0.2087


 23.5038, 0.3233,
0.1650


 38.9656, 0.3186,
0.2302


 22.2466, 0.3241,
0.1588

 45.9704, 0.3171,
0.2537


 21.6971, 0.3245,
0.1561

 54.4023, 0.3157,
0.2782

 64.3343, 0.3142,
0.3029

 75.8344, 0.3128,
0.3271

 88.9665, 0.3115,
0.3503

 93.4281, 0.3110,
0.3570

 93.4460, 0.3108,
0.3567

Harmonies

Analogous

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



28.9119, 0.2073, 0.1566



28.9119, 0.3213, 0.1902



28.9119, 0.4612, 0.2489

Triad

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



28.9119, 0.3213, 0.1902



28.9119, 0.4799, 0.4914



28.9119, 0.1186, 0.2633

Complementary

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



28.9119, 0.3213, 0.1902



57.8098, 0.3027, 0.5228

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.



28.9119, 0.1663, 0.4134



28.9119, 0.3213, 0.1902



28.9119, 0.3735, 0.5703

Square

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



28.9119, 0.3213, 0.1902



28.9119, 0.5533, 0.4008



28.9119, 0.2602, 0.5580



28.9119, 0.1127, 0.1816

Rectangle

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



28.9119, 0.3213, 0.1902



28.9119, 0.5334, 0.2963



28.9119, 0.2602, 0.5580



28.9119, 0.1292, 0.3063

Sweetspot

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



28.9132, 0.3213, 0.1902



74.0880, 0.3153, 0.2848



14.8171, 0.1946, 0.1338



15.0946, 0.3157, 0.2775



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.



28.9132, 0.3213, 0.1902



32.5484, 0.3227, 0.1722



25.9444, 0.4039, 0.2530



14.6115, 0.3140, 0.3062



12.6572, 0.3245, 0.1561



0.9365, 0.3239, 0.1558

Inverse Universe

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



28.9132, 0.3213, 0.1902



32.5484, 0.3227, 0.1722



59.5234, 0.2714, 0.4278



14.6115, 0.3140, 0.3062



12.6572, 0.3245, 0.1561



0.9365, 0.3239, 0.1558

Previews

White Background



This preview shows how the Yxy color 28.9119, 0.3213, 0.1902 looks on a white background.

Color Contrast Check

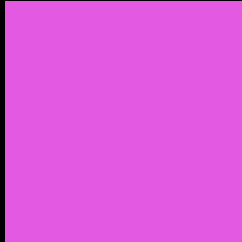
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9119, 0.3213, 0.1902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

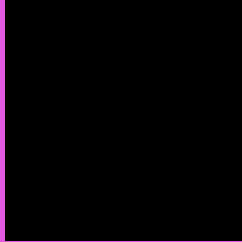
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9119, 0.3213, 0.1902

Background



This preview shows how black text looks on a background with the Yxy color 28.9119, 0.3213, 0.1902.

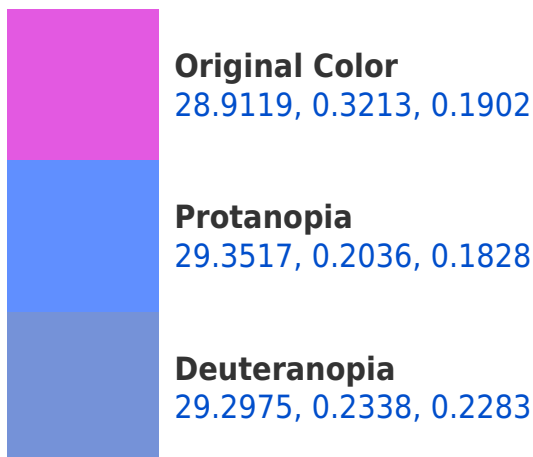


This preview shows how white text looks on a background with the Yxy color 28.9119, 0.3213, 0.1902.

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





Tritanopia

28.6760, 0.4235, 0.3183

Trichromacy



Original Color

28.9119, 0.3213, 0.1902



Protanomaly

26.6269, 0.2321, 0.1770



Deuteranomaly

26.9498, 0.2589, 0.2051



Tritanomaly

28.1841, 0.3844, 0.2643

Monochromacy



Original Color

28.9119, 0.3213, 0.1902



Achromatopsia

28.7441, 0.3127, 0.3290



Achromatomaly

26.8763, 0.3160, 0.2593

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9119, 0.3213, 0.1902 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, 89, 225)` looks like.

```
.text, #text, p{  
    color:rgb(227, 89, 225)  
}
```

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, 89, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 89, 225) }
```

Border

The CSS property to change the border of an element to Yxy 28.9119, 0.3213, 0.1902 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, 89, 225) }
```

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

```
.border{ border-color:rgb(227, 89, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 89, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 89, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 89, 225);  
box-shadow:4px 4px 4px 4px rgb(227, 89,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9119, 0.3213, 0.1902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 89, 225) }
```

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

```
.background{ background-color: rgb(227, 89,  
225) }
```

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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