

Converting Colors

$Y_{xy}(28.8954, 0.3175, 0.1908)$

Have a look what the booklet for
Yxy(28.8954, 0.3175, 0.1908)
contains.

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Color

Yxy(28.9378, 0.3181, 0.1912)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E05CE1 |
| RGB | 224, 92, 225 |
| RGB Percent | 88%, 36%, 88% |
| CMY | 0.1218, 0.6390, 0.1177 |
| CMYK | 0.00, 0.59, 0.00, 0.12 |
| HSL | 300°, 69%, 62% |
| HSV | 300°, 59%, 88% |
| XYZ | 48.1439, 28.9378, 74.2666 |
| YIQ | 146.6300, 35.9790, 69.3470 |

Conversions

Conversions Part 2

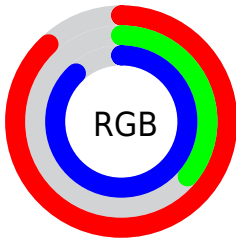
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 224, 92, 225 |
| Decimal | 14703841 |
| CIE _{Lab} | 60.73, 67.85, -43.76 |
| CIE _{LCh} | 61, 80.741, 327.178 |
| Yxy | 28.9378, 0.3181, 0.1912 |
| Android (android.graphics.Color) | 4292893921 (0xFFE05CE1) |
| YUV | 146.6300, 38.6364, 67.8535 |
| Hunter-Lab | 53.7939, 65.6129, -44.1988 |

Details

The Yxy color **28.9378, 0.3181, 0.1912** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **56.9445, 0.3043, 0.5191**, and the grayscale version is **28.8512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9749, 0.3175, 0.2266**, and **11.7554, 0.3162, 0.1597** is the 20% darker color. If you saturate the color by 10%, you get **25.5723, 0.3186, 0.1755**, and if you desaturate by 10%, it is **33.4631, 0.3174, 0.2106**.

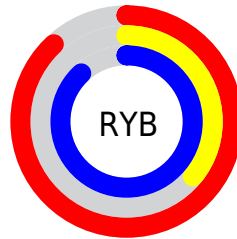
Distribution



Red (88%)

Green (36%)

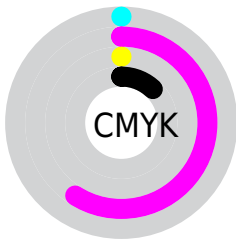
Blue (88%)



Red (88%)

Yellow (36%)

Blue (88%)

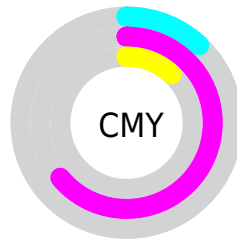


Cyan (0%)

Magenta (59%)

Yellow (0%)

Black (12%)



Cyan (12%)


Magenta (64%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9378, 0.3181, 0.1912 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 28.9378, 0.3181, 0.1912 by changing the saturation by 10% instead.

 28.9378, 0.3181,
0.1912


 28.9378, 0.3181,
0.1912


296.9214, 0.3185,
0.2556

 19.0338, 0.3171,
0.1767


 57.9782, 0.3189,
0.2135


 11.6947, 0.3154,
0.1591


 77.8835, 0.3190,
0.2222

 6.5361, 0.3123,
0.1375


 101.8912, 0.3191,
0.2297

 3.1737, 0.3066,
0.1106

 130.3858, 0.3190,
0.2362

 1.2231, 0.2960,
0.0776

163.7518, 0.3189,
0.2420

 0.0804, 0.2827,
0.0109

202.3734, 0.3188,


 0.0000, 0.2276,


0.2471

0.0000


246.6351, 0.3187,
0.2516

 0.0000, 0.0000,
0.0000

 28.9378, 0.3181,
0.1912

 28.9378, 0.3181,
0.1912

 25.5723, 0.3186,
0.1755


 33.4631, 0.3174,
0.2106


 23.2570, 0.3189,
0.1640


 39.2373, 0.3166,
0.2327

 21.8679, 0.3190,
0.1568

 46.3452, 0.3157,
0.2568

 21.2082, 0.3190,
0.1533

 54.8630, 0.3147,
0.2818

 21.1607, 0.3190,
0.1531

 64.8614, 0.3136,
0.3068

■ 76.4060, 0.3126,
0.3312

■ 89.5589, 0.3116,
0.3545

■ 93.0178, 0.3115,
0.3599

■ 93.0459, 0.3116,
0.3599

Harmonies

Analogous

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



28.9378, 0.2070, 0.1586



28.9378, 0.3181, 0.1912



28.9378, 0.4551, 0.2488

Triad

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



28.9378, 0.3181, 0.1912



28.9378, 0.4806, 0.4878



28.9378, 0.1221, 0.2679

Complementary

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



28.9378, 0.3181, 0.1912



56.9445, 0.3043, 0.5191

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.



28.9378, 0.1709, 0.4159



28.9378, 0.3181, 0.1912



28.9378, 0.3765, 0.5648

Square

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



28.9378, 0.3181, 0.1912



28.9378, 0.5507, 0.3991



28.9378, 0.2646, 0.5545



28.9378, 0.1152, 0.1855

Rectangle

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



28.9378, 0.3181, 0.1912



28.9378, 0.5270, 0.2956



28.9378, 0.2646, 0.5545



28.9378, 0.1331, 0.3107

Sweetspot

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



28.9391, 0.3181, 0.1912



74.0627, 0.3146, 0.2842



15.7680, 0.1987, 0.1422



15.0883, 0.3149, 0.2768



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.



28.9391, 0.3181, 0.1912



33.1060, 0.3187, 0.1723



26.2328, 0.3970, 0.2522



13.9300, 0.3137, 0.3059



12.1989, 0.3190, 0.1531



0.8473, 0.3193, 0.1533

Inverse Universe

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



24.4608, 0.4949, 0.3285



26.6637, 0.5543, 0.3287



58.5280, 0.2731, 0.4278



13.7023, 0.3291, 0.3289



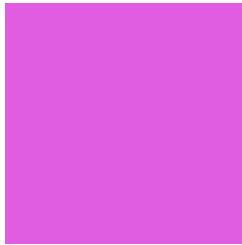
9.2273, 0.6392, 0.3295



0.6402, 0.6366, 0.3281

Previews

White Background



This preview shows how the Yxy color 28.9378, 0.3181, 0.1912 looks on a white background.

Color Contrast Check

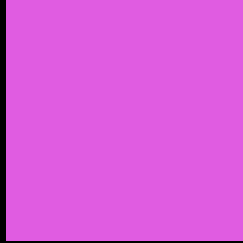
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9378, 0.3181, 0.1912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

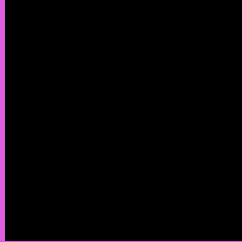
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9378, 0.3181, 0.1912

Background



This preview shows how black text looks on a background with the Yxy color 28.9378, 0.3181, 0.1912.

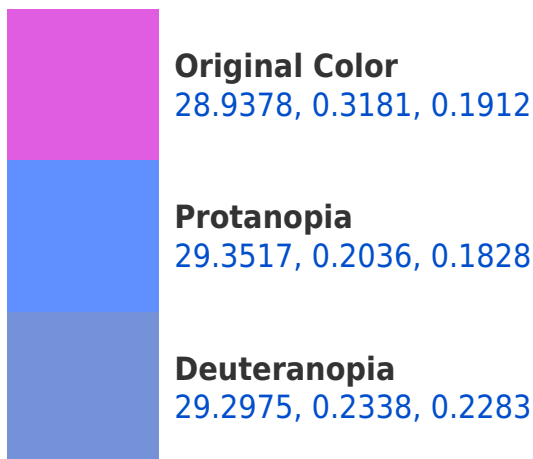


This preview shows how white text looks on a background with the Yxy color 28.9378, 0.3181, 0.1912.

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

28.7492, 0.4165, 0.3181

Trichromacy



Original Color

28.9378, 0.3181, 0.1912



Protanomaly

26.7866, 0.2315, 0.1779



Deuteranomaly

27.1041, 0.2582, 0.2061



Tritanomaly

28.1806, 0.3792, 0.2645

Monochromacy



Original Color

28.9378, 0.3181, 0.1912



Achromatopsia

29.1771, 0.3127, 0.3290



Achromatomaly

27.3878, 0.3159, 0.2621

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9378, 0.3181, 0.1912 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(224, 92, 225)` looks like.

```
.text, #text, p{  
    color:rgb(224, 92, 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(224, 92, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 92, 225) }
```

Border

The CSS property to change the border of an element to Yxy 28.9378, 0.3181, 0.1912 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(224, 92, 225) }
```

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

```
.border{ border-color:rgb(224, 92, 225) }
```

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

Here you see how a box with a 4 pixel rgb(224, 92, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 92, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 92, 225);  
box-shadow:4px 4px 4px 4px rgb(224, 92,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9378, 0.3181, 0.1912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 92, 225) }
```

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

```
.background{ background-color: rgb(224, 92,  
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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