

Converting Colors

$Y_{xy}(28.4758, 0.3225, 0.1900)$

Have a look what the booklet for
Yxy(28.4758, 0.3225, 0.1900)
contains.

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Color

Yxy(28.3129, 0.3224, 0.1898)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E257DF |
| RGB | 226, 87, 223 |
| RGB Percent | 89%, 34%, 87% |
| CMY | 0.1138, 0.6588, 0.1254 |
| CMYK | 0.00, 0.62, 0.01, 0.11 |
| HSL | 301°, 71%, 61% |
| HSV | 301°, 62%, 89% |
| XYZ | 48.0931, 28.3129, 72.7662 |
| YIQ | 144.0650, 39.1880, 71.7640 |

Conversions

Conversions Part 2

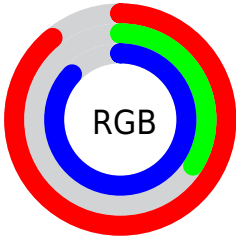
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 226, 87, 223 |
| Decimal | 14833631 |
| CIE _{Lab} | 60.17, 70.11, -43.53 |
| CIE _{LCh} | 60, 82.524, 328.164 |
| Yxy | 28.3129, 0.3224, 0.1898 |
| Android (android.graphics.Color) | 4293023711 (0xFFE257DF) |
| YUV | 144.0650, 38.9150, 71.8570 |
| Hunter-Lab | 53.2099, 68.2180, -43.8341 |

Details

The Yxy color **28.3129, 0.3224, 0.1898** 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 **57.1527, 0.3022, 0.5240**, and the grayscale version is **27.7473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.7308, 0.3177, 0.2230**, and **11.3196, 0.3208, 0.1574** is the 20% darker color. If you saturate the color by 10%, you get **25.1838, 0.3237, 0.1754**, and if you desaturate by 10%, it is **32.5896, 0.3209, 0.2080**.

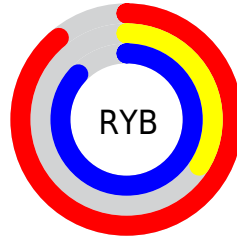
Distribution



Red (89%)

Green (34%)

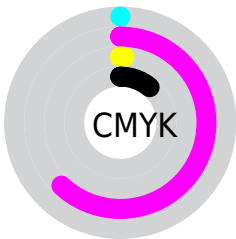
Blue (87%)



Red (89%)

Yellow (34%)

Blue (87%)

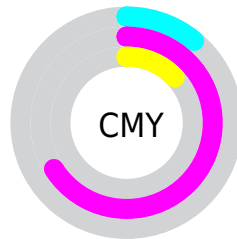


Cyan (0%)

Magenta (62%)

Yellow (1%)

Black (11%)



Cyan (11%)


Magenta (66%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3129, 0.3224, 0.1898 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 28.3129, 0.3224, 0.1898 by changing the saturation by 10% instead.

 28.3129, 0.3224,
0.1898


 28.3129, 0.3224,
0.1898

293.9591, 0.3207,
0.2550

 18.5617, 0.3219,
0.1752


 56.9836, 0.3225,
0.2123


 11.3540, 0.3208,
0.1574


 76.6719, 0.3223,
0.2211

 6.3055, 0.3185,
0.1355


 100.4413, 0.3221,
0.2287

 3.0317, 0.3139,
0.1084

 128.6762, 0.3218,
0.2353

 1.1483, 0.3044,
0.0751

161.7610, 0.3215,
0.2411

 0.0189, 0.2946,
0.0027

200.0802, 0.3212,


 0.0000, 0.2384,


0.2463


0.0000

244.0181, 0.3210,
0.2509

 0.0000, 0.0000,
0.0000


 28.3129, 0.3224,
0.1898


 28.3129, 0.3224,
0.1898


 25.1838, 0.3237,
0.1754

 32.5896, 0.3209,
0.2080


 23.0875, 0.3248,
0.1653


 38.1067, 0.3193,
0.2292

 21.8924, 0.3257,
0.1594

 44.9521, 0.3177,
0.2524

 21.3978, 0.3264,
0.1572

 53.2045, 0.3160,
0.2768

 62.9366, 0.3144,
0.3014

■ 74.2159, 0.3129,
0.3255

■ 87.1059, 0.3115,
0.3485

■ 93.2271, 0.3108,
0.3579

■ 93.2537, 0.3105,
0.3574

Harmonies

Analogous

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



28.3129, 0.2074, 0.1558



28.3129, 0.3224, 0.1898



28.3129, 0.4634, 0.2489

Triad

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



28.3129, 0.3224, 0.1898



28.3129, 0.4797, 0.4927



28.3129, 0.1173, 0.2617

Complementary

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



28.3129, 0.3224, 0.1898



57.1527, 0.3022, 0.5240

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.



28.3129, 0.1647, 0.4126



28.3129, 0.3224, 0.1898



28.3129, 0.3724, 0.5723

Square

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



28.3129, 0.3224, 0.1898



28.3129, 0.5543, 0.4014



28.3129, 0.2586, 0.5594



28.3129, 0.1118, 0.1802

Rectangle

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



28.3129, 0.3224, 0.1898



28.3129, 0.5357, 0.2965



28.3129, 0.2586, 0.5594



28.3129, 0.1277, 0.3047

Sweetspot

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



28.3142, 0.3224, 0.1898



74.0673, 0.3155, 0.2851



14.4474, 0.1947, 0.1321



15.0895, 0.3160, 0.2779



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.



28.3142, 0.3224, 0.1898



32.1556, 0.3241, 0.1719



25.3238, 0.4089, 0.2549



13.9303, 0.3141, 0.3064



12.2107, 0.3263, 0.1571



0.8480, 0.3254, 0.1566

Inverse Universe

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



28.3142, 0.3224, 0.1898



32.1556, 0.3241, 0.1719



58.9119, 0.2700, 0.4257



13.9303, 0.3141, 0.3064



12.2107, 0.3263, 0.1571



0.8480, 0.3254, 0.1566

Previews

White Background



This preview shows how the Yxy color 28.3129, 0.3224, 0.1898 looks on a white background.

Color Contrast Check

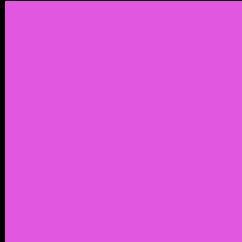
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3129, 0.3224, 0.1898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

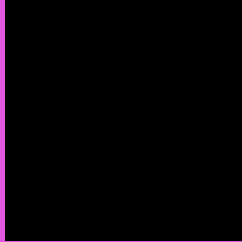
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.3129, 0.3224, 0.1898

Background



This preview shows how black text looks on a background with the Yxy color 28.3129, 0.3224, 0.1898.



This preview shows how white text looks on a background with the Yxy color 28.3129, 0.3224, 0.1898.

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

28.3129, 0.3224, 0.1898

Protanopia

28.8932, 0.2020, 0.1810

Deuteranopia

28.5146, 0.2337, 0.2274



Tritanopia

28.0128, 0.4261, 0.3183

Trichromacy



Original Color

28.3129, 0.3224, 0.1898



Protanomaly

26.0529, 0.2302, 0.1758



Deuteranomaly

26.2436, 0.2592, 0.2042



Tritanomaly

27.5466, 0.3865, 0.2641

Monochromacy



Original Color

28.3129, 0.3224, 0.1898



Achromatopsia

27.8894, 0.3127, 0.3290



Achromatomaly

26.1817, 0.3171, 0.2588

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3129, 0.3224, 0.1898 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(226, 87, 223)` looks like.

```
.text, #text, p{  
    color:rgb(226, 87, 223)  
}
```

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(226, 87, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 87, 223) }
```

Border

The CSS property to change the border of an element to Yxy 28.3129, 0.3224, 0.1898 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(226, 87, 223) }
```

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

```
.border{ border-color:rgb(226, 87, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 87, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 87, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 87, 223);  
box-shadow:4px 4px 4px 4px rgb(226, 87,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3129, 0.3224, 0.1898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 87, 223) }
```

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

```
.background{ background-color: rgb(226, 87,  
223) }
```

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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