

Converting Colors

$Y_{xy}(27.0360, 0.3190, 0.1924)$

Have a look what the booklet for
Yxy(27.0360, 0.3190, 0.1924)
contains.

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Color

Yxy(27.0738, 0.3191, 0.1929)

Conversions

Conversions Part 1

Format	Color
Hex	D95AD9
RGB	217, 90, 217
RGB Percent	85%, 35%, 85%
CMY	0.1491, 0.6469, 0.1491
CMYK	0.00, 0.59, 0.00, 0.15
HSL	300°, 63%, 60%
HSV	300°, 59%, 85%
XYZ	44.7862, 27.0738, 68.4915
YIQ	142.4510, 34.9250, 66.4210

Conversions

Conversions Part 2

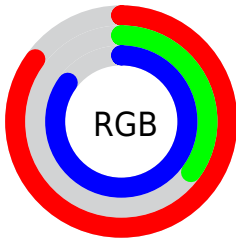
Format	Color
R _{YB}	217, 90, 217
Decimal	14244569
CIE Lab	59.04, 65.62, -41.98
CIE LCh	59, 77.900, 327.390
Yxy	27.0738, 0.3191, 0.1929
Android (android.graphics.Color)	4292434649 (0xFFD95AD9)
YUV	142.4510, 36.7527, 65.3795
Hunter-Lab	52.0325, 62.5842, -41.6220

Details

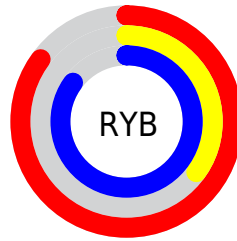
The Yxy color **27.0738, 0.3191, 0.1929** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **52.5261, 0.3039, 0.5170**, and the grayscale version is **27.0844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3474, 0.3176, 0.2248**, and **10.7184, 0.3161, 0.1599** is the 20% darker color. If you saturate the color by 10%, you get **23.9316, 0.3198, 0.1771**, and if you desaturate by 10%, it is **31.2865, 0.3182, 0.2123**.

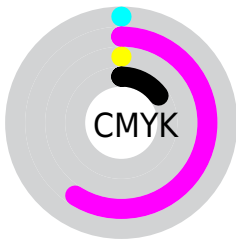
Distribution



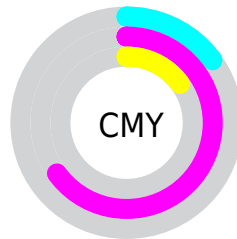
- Red (85%)
- Green (35%)
- Blue (85%)



- Red (85%)
- Yellow (35%)
- Blue (85%)



- Cyan (0%)
- Magenta (59%)
- Yellow (0%)
- Black (15%)





- Cyan (15%)
- Magenta (65%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.0738, 0.3191, 0.1929 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 27.0738, 0.3191, 0.1929 by changing the saturation by 10% instead.

 27.0738, 0.3191,
0.1929


 27.0738, 0.3191,
0.1929


288.0143, 0.3189,
0.2575


 17.6287, 0.3182,
0.1782


 55.0023, 0.3197,
0.2154

 10.6837, 0.3166,
0.1601


 74.2544, 0.3197,
0.2241

 5.8546, 0.3137,
0.1378


 97.5443, 0.3197,
0.2317

 2.7569, 0.3081,
0.1098

 125.2564, 0.3196,
0.2382

 1.0062, 0.2970,
0.0752

157.7750, 0.3194,
0.2439

 0.0000, 0.2836,
0.0000

195.4846, 0.3192,

 0.0000, 0.2022,

0.2490

0.0000

238.7696, 0.3191,
0.2535

■ 0.0000, 0.0000,
0.0000

■ 27.0738, 0.3191,
0.1929

■ 27.0738, 0.3191,
0.1929

■ 23.9316, 0.3198,
0.1771

■ 31.2865, 0.3182,
0.2123

■ 21.7605, 0.3204,
0.1655

■ 36.6505, 0.3172,
0.2345

■ 20.4486, 0.3207,
0.1581

■ 43.2429, 0.3160,
0.2585

■ 19.8261, 0.3209,
0.1546

■ 51.1333, 0.3149,
0.2834

■ 19.7555, 0.3209,
0.1542

■ 60.3858, 0.3137,
0.3083

■ 71.0606, 0.3125,
0.3326

■ 83.2140, 0.3115,
0.3557

■ 91.2758, 0.3108,
0.3690

■ 91.2758, 0.3108,
0.3690

Harmonies

Analogous

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



27.0738, 0.2088, 0.1603



27.0738, 0.3191, 0.1929



27.0738, 0.4542, 0.2503

Triad

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



27.0738, 0.3191, 0.1929



27.0738, 0.4788, 0.4876



27.0738, 0.1238, 0.2682

Complementary

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



27.0738, 0.3191, 0.1929



52.5261, 0.3039, 0.5170

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.



27.0738, 0.1722, 0.4136



27.0738, 0.3191, 0.1929



27.0738, 0.3758, 0.5624

Square

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



27.0738, 0.3191, 0.1929



27.0738, 0.5480, 0.3998



27.0738, 0.2649, 0.5503



27.0738, 0.1170, 0.1868

Rectangle

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



27.0738, 0.3191, 0.1929



27.0738, 0.5249, 0.2969



27.0738, 0.2649, 0.5503



27.0738, 0.1347, 0.3103

Sweetspot

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



27.0750, 0.3191, 0.1929



74.1299, 0.3148, 0.2842



14.8657, 0.2001, 0.1445



15.1051, 0.3152, 0.2769



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.



27.0750, 0.3191, 0.1929



33.7178, 0.3200, 0.1743



24.4544, 0.3955, 0.2529



13.2749, 0.3138, 0.3060



11.9624, 0.3209, 0.1542



0.7750, 0.3209, 0.1542

Inverse Universe

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



22.8058, 0.4929, 0.3295



27.0269, 0.5512, 0.3297



54.0342, 0.2734, 0.4264



13.0515, 0.3292, 0.3290



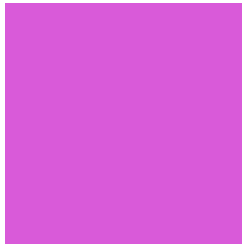
8.9299, 0.6401, 0.3300



0.5785, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 27.0738, 0.3191, 0.1929 looks on a white background.

Color Contrast Check

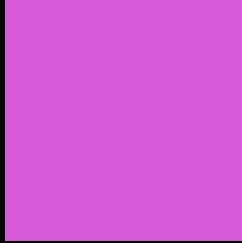
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0738, 0.3191, 0.1929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

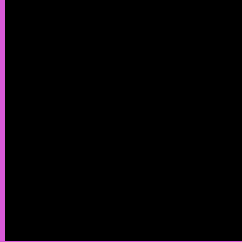
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0738, 0.3191, 0.1929

Background



This preview shows how black text looks on a background with the Yxy color 27.0738, 0.3191, 0.1929.



This preview shows how white text looks on a background with the Yxy color 27.0738, 0.3191, 0.1929.

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

27.0738, 0.3191, 0.1929

Protanopia

27.7115, 0.1985, 0.1762

Deuteranopia

27.2487, 0.2357, 0.2296



Tritanopia

27.0678, 0.4165, 0.3191

Trichromacy



Original Color

27.0738, 0.3191, 0.1929



Protanomaly

25.0940, 0.2260, 0.1743



Deuteranomaly

25.2976, 0.2600, 0.2077



Tritanomaly

26.6857, 0.3794, 0.2664

Monochromacy



Original Color

27.0738, 0.3191, 0.1929



Achromatopsia

27.0498, 0.3127, 0.3290



Achromatomaly

25.4655, 0.3158, 0.2628

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0738, 0.3191, 0.1929 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(217, 90, 217)` looks like.

```
.text, #text, p{  
    color:rgb(217, 90, 217)  
}
```

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(217, 90, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 90, 217) }
```

Border

The CSS property to change the border of an element to Yxy 27.0738, 0.3191, 0.1929 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(217, 90, 217) }
```

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

```
.border{ border-color:rgb(217, 90, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 90, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 90, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 90, 217);  
box-shadow:4px 4px 4px 4px rgb(217, 90,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0738, 0.3191, 0.1929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 90, 217) }
```

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

```
.background{ background-color: rgb(217, 90,  
217) }
```

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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