

Converting Colors

$Y_{xy}(26.9044, 0.3191, 0.1920)$

Have a look what the booklet for
Yxy(26.9044, 0.3191, 0.1920)
contains.

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Color

Yxy(26.9062, 0.3191, 0.1920)

Conversions

Conversions Part 1

Format	Color
Hex	D959D9
RGB	217, 89, 217
RGB Percent	85%, 35%, 85%
CMY	0.1490, 0.6510, 0.1488
CMYK	0.00, 0.59, 0.00, 0.15
HSL	300°, 63%, 60%
HSV	300°, 59%, 85%
XYZ	44.7175, 26.9062, 68.5127
YIQ	141.8640, 35.2000, 66.9440

Conversions

Conversions Part 2

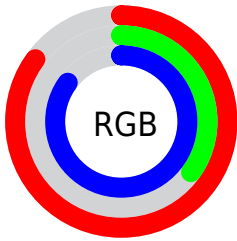
Format	Color
R _Y B	217, 89, 217
Decimal	14244313
CIE Lab	58.89, 66.09, -42.27
CIE LCh	59, 78.450, 327.400
Yxy	26.9062, 0.3191, 0.1920
Android (android.graphics.Color)	4292434393 (0xFFD959D9)
YUV	141.8640, 37.0420, 65.8943
Hunter-Lab	51.8712, 63.1082, -42.0018

Details

The Yxy color **26.9062, 0.3191, 0.1920** 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 **52.4954, 0.3038, 0.5187**, and the grayscale version is **26.8337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0378, 0.3176, 0.2239**, and **10.6328, 0.3161, 0.1589** is the 20% darker color. If you saturate the color by 10%, you get **23.8117, 0.3198, 0.1764**, and if you desaturate by 10%, it is **31.0676, 0.3182, 0.2112**.

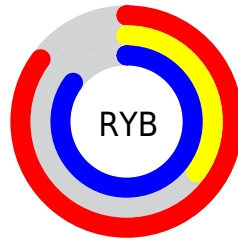
Distribution



Red (85%)

Green (35%)

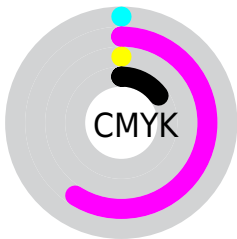
Blue (85%)



Red (85%)

Yellow (35%)

Blue (85%)

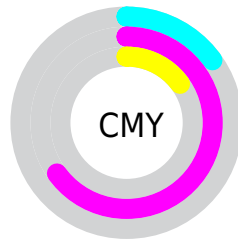


Cyan (0%)

Magenta (59%)

Yellow (0%)

Black (15%)



Cyan (15%)


Magenta (65%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9062, 0.3191, 0.1920 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 26.9062, 0.3191, 0.1920 by changing the saturation by 10% instead.


 26.9062, 0.3191,
0.1920

 26.9062, 0.3191,
0.1920


287.2027, 0.3189,
0.2570


 17.5028, 0.3182,
0.1772


 54.7333, 0.3197,
0.2146


 10.5936, 0.3166,
0.1591


 73.9258, 0.3198,
0.2234

 5.7943, 0.3136,
0.1366


 97.1501, 0.3197,
0.2310

 2.7204, 0.3078,
0.1086

 124.7906, 0.3196,
0.2376

 0.9876, 0.2966,
0.0739

157.2317, 0.3194,
0.2433

 0.0000, 0.2826,
0.0000

194.8579, 0.3193,

 0.0000, 0.2003,

0.2484

0.0000

238.0534, 0.3191,
0.2529

■ 0.0000, 0.0000,
0.0000

■ 26.9062, 0.3191,
0.1920

■ 26.9062, 0.3191,
0.1920

■ 23.8117, 0.3198,
0.1764

■ 31.0676, 0.3182,
0.2112

■ 21.6838, 0.3204,
0.1650

■ 36.3772, 0.3172,
0.2333

■ 20.4096, 0.3207,
0.1578

■ 42.9125, 0.3161,
0.2572


■ 19.8076, 0.3208,
0.1544


■ 50.7435, 0.3149,
0.2821

■ 19.7604, 0.3208,
0.1541

■ 59.9347, 0.3137,
0.3071

 70.5463, 0.3126,
0.3314

 82.6350, 0.3115,
0.3546

 91.2930, 0.3109,
0.3689

 91.2940, 0.3109,
0.3689

Harmonies

Analogous

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



26.9062, 0.2081, 0.1593



26.9062, 0.3191, 0.1920



26.9062, 0.4554, 0.2496

Triad

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



26.9062, 0.3191, 0.1920



26.9062, 0.4795, 0.4882



26.9062, 0.1226, 0.2674

Complementary

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



26.9062, 0.3191, 0.1920



52.4954, 0.3038, 0.5187

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.



26.9062, 0.1710, 0.4143



26.9062, 0.3191, 0.1920



26.9062, 0.3757, 0.5642

Square

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



26.9062, 0.3191, 0.1920



26.9062, 0.5496, 0.3998



26.9062, 0.2642, 0.5527



26.9062, 0.1158, 0.1856

Rectangle

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



26.9062, 0.3191, 0.1920



26.9062, 0.5267, 0.2964



26.9062, 0.2642, 0.5527



26.9062, 0.1334, 0.3098

Sweetspot

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



26.9074, 0.3191, 0.1920



74.1273, 0.3148, 0.2842



14.6385, 0.1991, 0.1429



15.1044, 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.



26.9074, 0.3191, 0.1920



33.3602, 0.3200, 0.1730



24.2731, 0.3965, 0.2524



13.2747, 0.3138, 0.3060



11.9564, 0.3208, 0.1541



0.7747, 0.3209, 0.1541

Inverse Universe

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



22.6232, 0.4953, 0.3295



26.6454, 0.5558, 0.3297



54.0029, 0.2732, 0.4274



13.0516, 0.3292, 0.3290



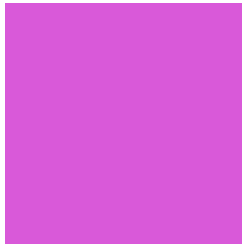
8.9300, 0.6400, 0.3300



0.5786, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 26.9062, 0.3191, 0.1920 looks on a white background.

Color Contrast Check

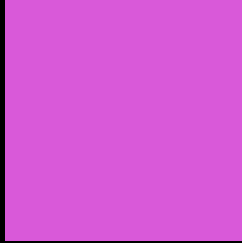
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9062, 0.3191, 0.1920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

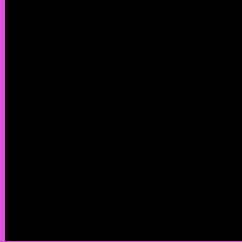
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9062, 0.3191, 0.1920

Background



This preview shows how black text looks on a background with the Yxy color 26.9062, 0.3191, 0.1920.

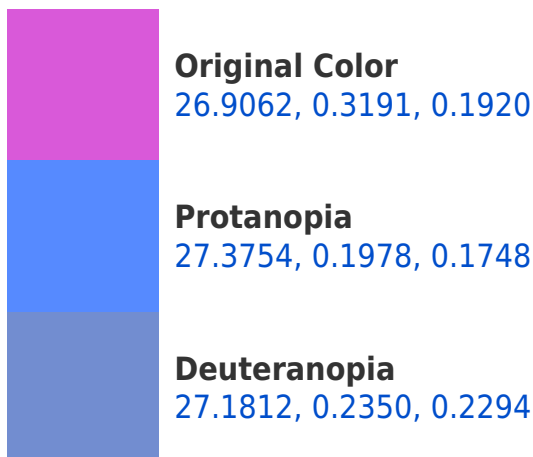


This preview shows how white text looks on a background with the Yxy color 26.9062, 0.3191, 0.1920.

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

26.8133, 0.4184, 0.3191

Trichromacy



Original Color

26.9062, 0.3191, 0.1920



Protanomaly

24.8521, 0.2258, 0.1731



Deuteranomaly

25.2015, 0.2591, 0.2074



Tritanomaly

26.4440, 0.3810, 0.2664

Monochromacy



Original Color

26.9062, 0.3191, 0.1920



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 26.9062, 0.3191, 0.1920 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, 89, 217)` looks like.

```
.text, #text, p{  
    color:rgb(217, 89, 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, 89, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 89, 217) }
```

Border

The CSS property to change the border of an element to Yxy 26.9062, 0.3191, 0.1920 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, 89, 217) }
```

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

```
.border{ border-color:rgb(217, 89, 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, 89, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 89, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 89, 217);  
box-shadow:4px 4px 4px 4px rgb(217, 89,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9062, 0.3191, 0.1920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 89, 217) }
```

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

```
.background{ background-color: rgb(217, 89,  
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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