

Converting Colors

$Y_{xy}(26.9279, 0.3712, 0.2693)$

Have a look what the booklet for
Yxy(26.9279, 0.3712, 0.2693)
contains.

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Color

Yxy(26.8512, 0.3712, 0.2685)

Conversions

Conversions Part 1

Format	Color
Hex	CD6F9F
RGB	205, 111, 159
RGB Percent	80%, 44%, 62%
CMY	0.1960, 0.5647, 0.3764
CMYK	0.00, 0.46, 0.22, 0.20
HSL	329°, 48%, 62%
HSV	329°, 46%, 80%
XYZ	37.1217, 26.8512, 36.0316
YIQ	144.5780, 40.6160, 34.8560

Conversions

Conversions Part 2

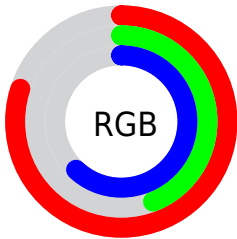
Format	Color
R _Y B	205, 111, 159
Decimal	13463455
CIE Lab	58.84, 42.91, -9.31
CIE LCh	59, 43.910, 347.761
Yxy	26.8512, 0.3712, 0.2685
Android (android.graphics.Color)	4291653535 (0xFFCD6F9F)
YUV	144.5780, 7.1100, 52.9901
Hunter-Lab	51.8181, 37.1927, -4.9544

Details

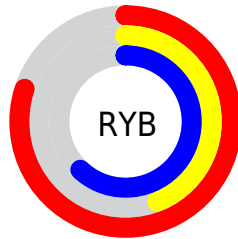
The Yxy color **26.8512, 0.3712, 0.2685** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **49.4805, 0.2790, 0.4004**, and the grayscale version is **28.0944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0253, 0.3514, 0.2788**, and **10.5065, 0.3893, 0.2482** is the 20% darker color. If you saturate the color by 10%, you get **22.5462, 0.3906, 0.2567**, and if you desaturate by 10%, it is **32.2136, 0.3543, 0.2816**.

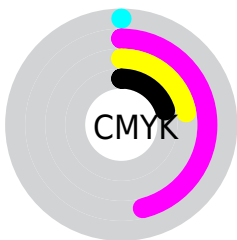
Distribution



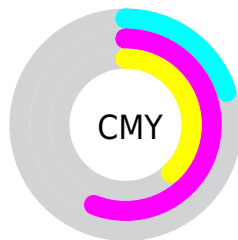
- Red (80%)
- Green (44%)
- Blue (62%)



- Red (80%)
- Yellow (44%)
- Blue (62%)



- Cyan (0%)
- Magenta (46%)
- Yellow (22%)
- Black (20%)





- Cyan (20%)
- Magenta (56%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8512, 0.3712, 0.2685 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 26.8512, 0.3712, 0.2685 by changing the saturation by 10% instead.


 26.8512, 0.3712,
0.2685


 26.8512, 0.3712,
0.2685


286.9359, 0.3401,
0.3001


 17.4615, 0.3796,
0.2602


 54.6450, 0.3594,
0.2803


 10.5641, 0.3909,
0.2493


 73.8179, 0.3551,
0.2846

 5.7745, 0.4066,
0.2344


 97.0206, 0.3516,
0.2882

 2.7085, 0.4301,
0.2129

 124.6376, 0.3485,
0.2913

 0.9815, 0.4685,
0.1793

157.0532, 0.3460,
0.2940

 0.0000, 0.6451,
0.0000

194.6519, 0.3437,

 0.0000, 0.0000,

0.2963

0.0000

237.8180, 0.3418,
0.2983

■ 26.8512, 0.3712,
0.2685

■ 26.8512, 0.3712,
0.2685

■ 22.5462, 0.3906,
0.2567

■ 32.2136, 0.3543,
0.2816

■ 19.2229, 0.4123,
0.2475

■ 38.6945, 0.3400,
0.2953

■ 16.8015, 0.4357,
0.2419


■ 46.3551, 0.3279,
0.3088


■ 15.1881, 0.4597,
0.2413

■ 55.2509, 0.3178,
0.3217


■ 14.2658, 0.4832,
0.2460


■ 65.4339, 0.3094,
0.3340

 13.9941, 0.4928,
0.2489

 76.9529, 0.3026,
0.3454

 89.8545, 0.2969,
0.3559

 90.7476, 0.2915,
0.3455

 91.3579, 0.2862,
0.3349

Harmonies

Analogous

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



26.8512, 0.2957, 0.2332



26.8512, 0.3712, 0.2685



26.8512, 0.4344, 0.3171

Triad

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



26.8512, 0.3712, 0.2685



26.8512, 0.3851, 0.4602



26.8512, 0.1852, 0.2598

Complementary

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



26.8512, 0.3712, 0.2685



49.4805, 0.2790, 0.4004

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.



26.8512, 0.2027, 0.3235



26.8512, 0.3712, 0.2685



26.8512, 0.3155, 0.4565

Square

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



26.8512, 0.3712, 0.2685



26.8512, 0.4388, 0.4239



26.8512, 0.2488, 0.4017



26.8512, 0.1958, 0.2249

Rectangle

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



26.8512, 0.3712, 0.2685



26.8512, 0.4561, 0.3532



26.8512, 0.2488, 0.4017



26.8512, 0.1878, 0.2780

Sweetspot

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



26.8525, 0.3712, 0.2685



78.2253, 0.3260, 0.3110



22.8883, 0.2676, 0.2008



16.1044, 0.3284, 0.3081



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.



26.8525, 0.3712, 0.2685



37.0258, 0.3903, 0.2569



25.5314, 0.4336, 0.3274



11.3077, 0.3211, 0.3172



8.7303, 0.4897, 0.2471



0.4657, 0.4480, 0.2242

Inverse Universe

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



26.8525, 0.3712, 0.2685



37.0258, 0.3903, 0.2569



51.3791, 0.2527, 0.3310



11.3077, 0.3211, 0.3172



8.7303, 0.4897, 0.2471



0.4657, 0.4480, 0.2242

Previews

White Background



This preview shows how the Yxy color 26.8512, 0.3712, 0.2685 looks on a white background.

Color Contrast Check

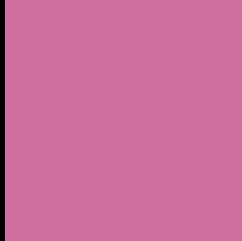
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8512, 0.3712, 0.2685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

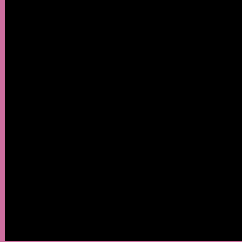
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8512, 0.3712, 0.2685

Background



This preview shows how black text looks on a background with the Yxy color 26.8512, 0.3712, 0.2685.



This preview shows how white text looks on a background with the Yxy color 26.8512, 0.3712, 0.2685.

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

26.8512, 0.3712, 0.2685

Protanopia

27.2910, 0.2704, 0.2699

Deuteranopia

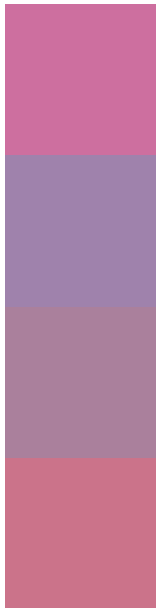
26.9941, 0.3096, 0.3039



Tritanopia

26.7855, 0.4088, 0.3175

Trichromacy



Original Color

26.8512, 0.3712, 0.2685

Protanomaly

26.3147, 0.3015, 0.2669

Deuteranomaly

26.3847, 0.3306, 0.2879

Tritanomaly

26.7930, 0.3950, 0.2994

Monochromacy



Original Color

26.8512, 0.3712, 0.2685

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.1926, 0.3331, 0.3037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8512, 0.3712, 0.2685 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(205, 111, 159)` looks like.

```
.text, #text, p{  
    color:rgb(205, 111, 159)  
}
```

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(205, 111, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 111, 159) }
```

Border

The CSS property to change the border of an element to Yxy 26.8512, 0.3712, 0.2685 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(205, 111, 159) }
```

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

```
.border{ border-color:rgb(205, 111, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 111, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 111, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 111, 159);  
box-shadow:4px 4px 4px 4px rgb(205, 111,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8512, 0.3712, 0.2685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 111, 159) }
```

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

```
.background{ background-color: rgb(205,  
111, 159) }
```

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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