

Converting Colors

Yxy(26.4514, 0.3161, 0.2189)

Have a look what the booklet for
Yxy(26.4514, 0.3161, 0.2189)
contains.

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Color

Yxy(26.4921, 0.3167, 0.2196)

Conversions

Conversions Part 1

Format	Color
Hex	C46CC5
RGB	196, 108, 197
RGB Percent	77%, 42%, 77%
CMY	0.2314, 0.5764, 0.2273
CMYK	0.01, 0.45, 0.00, 0.23
HSL	299°, 43%, 60%
HSV	299°, 45%, 77%
XYZ	38.2060, 26.4921, 55.9398
YIQ	144.4580, 23.8790, 46.3350

Conversions

Conversions Part 2

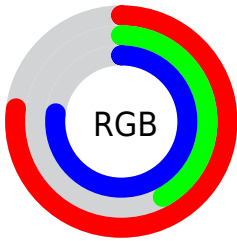
Format	Color
RYB	196, 108, 197
Decimal	12872901
CIELab	58.50, 47.88, -31.73
CIELCh	59, 57.442, 326.466
Yxy	26.4921, 0.3167, 0.2196
Android (android.graphics.Color)	4291062981 (0xFFC46CC5)
YUV	144.4580, 25.9032, 45.2023
Hunter-Lab	51.4705, 42.4255, -28.4090

Details

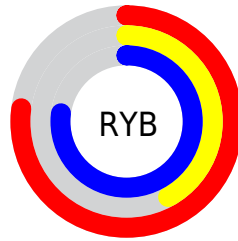
The Yxy color **26.4921, 0.3167, 0.2196** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **44.2822, 0.3068, 0.4687**, and the grayscale version is **27.9714, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0672, 0.3169, 0.2391**, and **10.3870, 0.3144, 0.1900** is the 20% darker color. If you saturate the color by 10%, you get **22.7655, 0.3173, 0.1990**, and if you desaturate by 10%, it is **31.1602, 0.3159, 0.2426**.

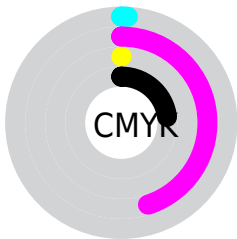
Distribution



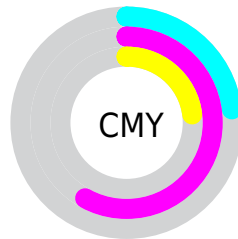
- Red (77%)
- Green (42%)
- Blue (77%)



- Red (77%)
- Yellow (42%)
- Blue (77%)



- Cyan (1%)
- Magenta (45%)
- Yellow (0%)
- Black (23%)




- Cyan (23%)
- Magenta (58%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4921, 0.3167, 0.2196 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 26.4921, 0.3167, 0.2196 by changing the saturation by 10% instead.


 26.4921, 0.3167,
0.2196


 26.4921, 0.3167,
0.2196


285.1895, 0.3165,
0.2737


 17.1921, 0.3161,
0.2065


 54.0678, 0.3171,
0.2390


 10.3716, 0.3150,
0.1900


 73.1123, 0.3171,
0.2464

 5.6460, 0.3128,
0.1686


 96.1737, 0.3171,
0.2527

 2.6311, 0.3083,
0.1404

 123.6366, 0.3170,
0.2581

 0.9423, 0.2988,
0.1024

155.8852, 0.3169,
0.2628

 0.0000, 0.2915,
0.0000

193.3039, 0.3168,

 0.0000, 0.0000,

0.2669

0.0000

236.2772, 0.3167,
0.2705

■ 26.4921, 0.3167,
0.2196

■ 26.4921, 0.3167,
0.2196

■ 22.7655, 0.3173,
0.1990

■ 31.1602, 0.3159,
0.2426

■ 19.9127, 0.3178,
0.1817

■ 36.8242, 0.3151,
0.2670

■ 17.8628, 0.3181,
0.1683


■ 43.5388, 0.3141,
0.2919

■ 16.5325, 0.3182,
0.1592


■ 51.3535, 0.3132,
0.3165

■ 15.8197, 0.3181,
0.1541

■ 60.3148, 0.3123,
0.3403

 15.5989, 0.3180,
0.1526

 70.4664, 0.3114,
0.3629

 81.8498, 0.3105,
0.3839

 87.5349, 0.3102,
0.3930

 87.5661, 0.3103,
0.3930

Harmonies

Analogous

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



26.4921, 0.2307, 0.1928



26.4921, 0.3167, 0.2196



26.4921, 0.4163, 0.2676

Triad

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



26.4921, 0.3167, 0.2196



26.4921, 0.4533, 0.4615



26.4921, 0.1636, 0.2906

Complementary

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



26.4921, 0.3167, 0.2196



44.2822, 0.3068, 0.4687

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.



26.4921, 0.2084, 0.3956



26.4921, 0.3167, 0.2196



26.4921, 0.3750, 0.5062

Square

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



26.4921, 0.3167, 0.2196



26.4921, 0.4985, 0.3953



26.4921, 0.2856, 0.4877



26.4921, 0.1542, 0.2216

Rectangle

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



26.4921, 0.3167, 0.2196



26.4921, 0.4698, 0.3074



26.4921, 0.2856, 0.4877



26.4921, 0.1744, 0.3228

Sweetspot

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



26.4933, 0.3167, 0.2196



79.2209, 0.3141, 0.2943



18.2629, 0.2287, 0.1917



16.3485, 0.3143, 0.2888



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.



26.4933, 0.3167, 0.2196



40.9694, 0.3173, 0.1997



24.9335, 0.3691, 0.2688



10.8101, 0.3136, 0.3062



10.2595, 0.3180, 0.1526



0.4879, 0.3187, 0.1529

Inverse Universe

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



23.7055, 0.4311, 0.3280



35.3822, 0.4723, 0.3279



45.3693, 0.2797, 0.3998



10.6389, 0.3288, 0.3288



7.8118, 0.6386, 0.3292



0.3706, 0.6335, 0.3264

Previews

White Background



This preview shows how the Yxy color 26.4921, 0.3167, 0.2196 looks on a white background.

Color Contrast Check

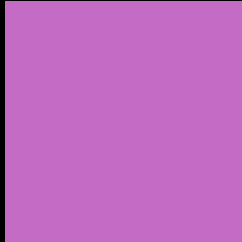
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4921, 0.3167, 0.2196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

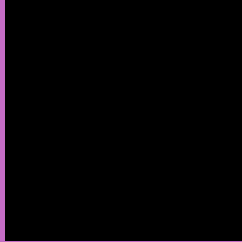
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4921, 0.3167, 0.2196

Background



This preview shows how black text looks on a background with the Yxy color 26.4921, 0.3167, 0.2196.



This preview shows how white text looks on a background with the Yxy color 26.4921, 0.3167, 0.2196.

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

26.4921, 0.3167, 0.2196

Protanopia

26.7659, 0.2238, 0.2087

Deuteranopia

26.6624, 0.2548, 0.2494



Tritanopia

26.5232, 0.3818, 0.3166

Trichromacy



Original Color

26.4921, 0.3167, 0.2196



Protanomaly

25.6456, 0.2496, 0.2093



Deuteranomaly

25.8679, 0.2741, 0.2355



Tritanomaly

26.4335, 0.3569, 0.2778

Monochromacy



Original Color

26.4921, 0.3167, 0.2196



Achromatopsia

27.8894, 0.3127, 0.3290



Achromatomaly

26.6635, 0.3149, 0.2815

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4921, 0.3167, 0.2196 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(196, 108, 197)` looks like.

```
.text, #text, p{  
    color:rgb(196, 108, 197)  
}
```

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(196, 108, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 108, 197) }
```

Border

The CSS property to change the border of an element to Yxy 26.4921, 0.3167, 0.2196 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(196, 108, 197) }
```

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

```
.border{ border-color:rgb(196, 108, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 108, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 108, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 108, 197);  
box-shadow:4px 4px 4px 4px rgb(196, 108,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4921, 0.3167, 0.2196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 108, 197) }
```

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

```
.background{ background-color: rgb(196,  
108, 197) }
```

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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