

Converting Colors

$Y_{xy}(26.1436, 0.3169, 0.2179)$

Have a look what the booklet for
Yxy(26.1436, 0.3169, 0.2179)
contains.

Yxy(26.0750, 0.3168, 0.2174)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.0750, 0.3168, 0.2174)

Conversions

Conversions Part 1

Format	Color
Hex	C46AC5
RGB	196, 106, 197
RGB Percent	77%, 42%, 77%
CMY	0.2314, 0.5843, 0.2274
CMYK	0.01, 0.46, 0.00, 0.23
HSL	299°, 44%, 59%
HSV	299°, 46%, 77%
XYZ	37.9971, 26.0750, 55.8681
YIQ	143.2840, 24.4290, 47.3810

Conversions

Conversions Part 2

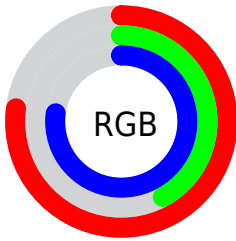
Format	Color
RYB	196, 106, 197
Decimal	12872389
CIELab	58.11, 48.90, -32.34
CIELCh	58, 58.629, 326.520
Yxy	26.0750, 0.3168, 0.2174
Android (android.graphics.Color)	4291062469 (0xFFC46AC5)
YUV	143.2840, 26.4820, 46.2319
Hunter-Lab	51.0637, 43.4624, -29.1239

Details

The Yxy color **26.0750, 0.3168, 0.2174** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **44.1128, 0.3067, 0.4723**, and the grayscale version is **27.4734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3682, 0.3170, 0.2372**, and **10.1048, 0.3146, 0.1865** is the 20% darker color. If you saturate the color by 10%, you get **22.4410, 0.3174, 0.1971**, and if you desaturate by 10%, it is **30.6442, 0.3160, 0.2402**.

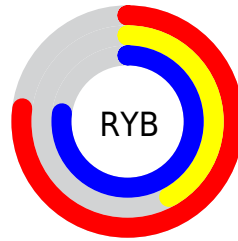
Distribution



Red (77%)

Green (42%)

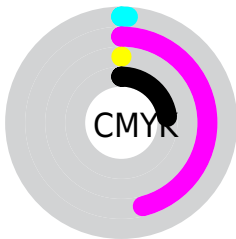
Blue (77%)



Red (77%)

Yellow (42%)

Blue (77%)

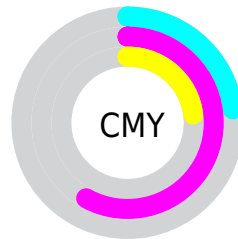


Cyan (1%)

Magenta (46%)

Yellow (0%)

Black (23%)



Cyan (23%)


Magenta (58%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0750, 0.3168, 0.2174 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 26.0750, 0.3168, 0.2174 by changing the saturation by 10% instead.

 26.0750, 0.3168,
0.2174


 26.0750, 0.3168,
0.2174


283.1501, 0.3167,
0.2726


 16.8798, 0.3162,
0.2040


 53.3959, 0.3172,
0.2372

 10.1488, 0.3150,
0.1872


 72.2904, 0.3172,
0.2447

 5.4977, 0.3126,
0.1655


 95.1867, 0.3172,
0.2511

 2.5422, 0.3080,
0.1369

 122.4693, 0.3171,
0.2566

 0.8977, 0.2980,
0.0986

154.5225, 0.3170,
0.2614

 0.0000, 0.2885,
0.0000

191.7308, 0.3169,

 0.0000, 0.0000,

0.2656

0.0000

234.4785, 0.3168,
0.2693

■ 26.0750, 0.3168,
0.2174

■ 26.0750, 0.3168,
0.2174

■ 22.4410, 0.3174,
0.1971

■ 30.6442, 0.3160,
0.2402

■ 19.6739, 0.3179,
0.1802

■ 36.2037, 0.3152,
0.2644

■ 17.7018, 0.3182,
0.1672


■ 42.8084, 0.3142,
0.2893


■ 16.4399, 0.3182,
0.1585


■ 50.5084, 0.3133,
0.3141

■ 15.7799, 0.3181,
0.1538


■ 59.3502, 0.3124,
0.3380

 15.6059, 0.3181,
0.1526

 69.3781, 0.3114,
0.3607

 80.6335, 0.3106,
0.3819

 87.5285, 0.3102,
0.3930

 87.5589, 0.3103,
0.3930

Harmonies

Analogous

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



26.0750, 0.2289, 0.1901



26.0750, 0.3168, 0.2174



26.0750, 0.4191, 0.2662

Triad

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



26.0750, 0.3168, 0.2174



26.0750, 0.4558, 0.4638



26.0750, 0.1604, 0.2891

Complementary

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



26.0750, 0.3168, 0.2174



44.1128, 0.3067, 0.4723

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.



26.0750, 0.2057, 0.3971



26.0750, 0.3168, 0.2174



26.0750, 0.3755, 0.5106

Square

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



26.0750, 0.3168, 0.2174



26.0750, 0.5026, 0.3960



26.0750, 0.2843, 0.4924



26.0750, 0.1510, 0.2189

Rectangle

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



26.0750, 0.3168, 0.2174



26.0750, 0.4739, 0.3066



26.0750, 0.2843, 0.4924



26.0750, 0.1713, 0.3221

Sweetspot

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



26.0762, 0.3168, 0.2174



79.2228, 0.3141, 0.2943



17.7218, 0.2265, 0.1881



16.3489, 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.



26.0762, 0.3168, 0.2174



40.3834, 0.3174, 0.1978



24.4840, 0.3709, 0.2676



10.8102, 0.3136, 0.3062



10.2645, 0.3181, 0.1526



0.4880, 0.3187, 0.1530

Inverse Universe

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



23.2454, 0.4352, 0.3280



34.7335, 0.4769, 0.3279



45.2103, 0.2792, 0.4017



10.6389, 0.3288, 0.3288



7.8117, 0.6387, 0.3292



0.3706, 0.6337, 0.3264

Previews

White Background



This preview shows how the Yxy color 26.0750, 0.3168, 0.2174 looks on a white background.

Color Contrast Check

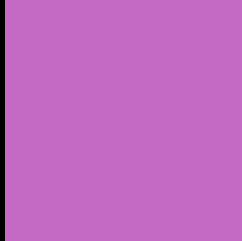
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0750, 0.3168, 0.2174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

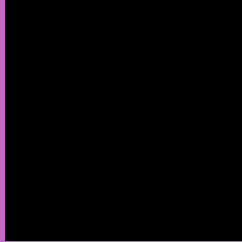
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0750, 0.3168, 0.2174

Background



This preview shows how black text looks on a background with the Yxy color 26.0750, 0.3168, 0.2174.

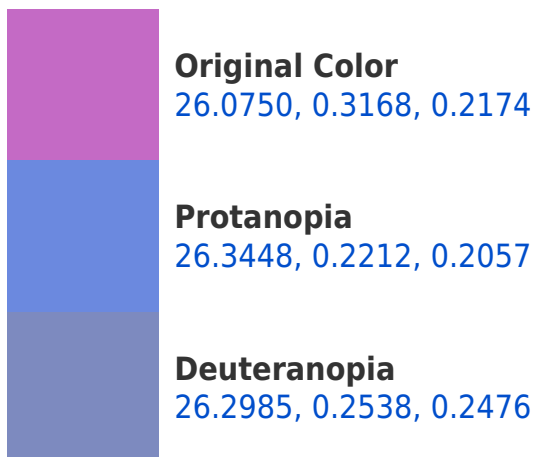


This preview shows how white text looks on a background with the Yxy color 26.0750, 0.3168, 0.2174.

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

26.0048, 0.3839, 0.3152

Trichromacy



Original Color

26.0750, 0.3168, 0.2174



Protanomaly

25.2657, 0.2471, 0.2064



Deuteranomaly

25.3513, 0.2739, 0.2326



Tritanomaly

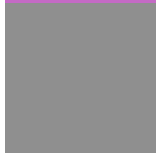
25.9337, 0.3586, 0.2764

Monochromacy



Original Color

26.0750, 0.3168, 0.2174



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

26.2910, 0.3139, 0.2798

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0750, 0.3168, 0.2174 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, 106, 197)` looks like.

```
.text, #text, p{  
    color:rgb(196, 106, 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, 106, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 106, 197) }
```

Border

The CSS property to change the border of an element to Yxy 26.0750, 0.3168, 0.2174 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, 106, 197) }
```

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

```
.border{ border-color:rgb(196, 106, 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, 106, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 106, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 106, 197);  
box-shadow:4px 4px 4px 4px rgb(196, 106,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0750, 0.3168, 0.2174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 106, 197) }
```

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

```
.background{ background-color: rgb(196,  
106, 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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