

Converting Colors

$Y_{xy}(26.0430, 0.3287, 0.2310)$

Have a look what the booklet for
Yxy(26.0430, 0.3287, 0.2310)
contains.

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Color

Yxy(26.0061, 0.3287, 0.2311)

Conversions

Conversions Part 1

Format	Color
Hex	C46CBA
RGB	196, 108, 186
RGB Percent	77%, 42%, 73%
CMY	0.2314, 0.5764, 0.2705
CMYK	0.00, 0.45, 0.05, 0.23
HSL	307°, 43%, 60%
HSV	307°, 45%, 77%
XYZ	36.9892, 26.0061, 49.5365
YIQ	143.2040, 27.4100, 42.9140

Conversions

Conversions Part 2

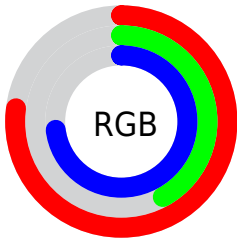
Format	Color
R_{YB}	196, 108, 186
Decimal	12872890
CIE _{Lab}	58.04, 45.90, -26.16
CIE _{LCh}	58, 52.830, 330.316
Yxy	26.0061, 0.3287, 0.2311
Android (android.graphics.Color)	4291062970 (0xFFC46CBA)
YUV	143.2040, 21.0984, 46.3021
Hunter-Lab	50.9962, 40.2286, -21.8956

Details

The Yxy color **26.0061, 0.3287, 0.2311** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **43.9693, 0.3002, 0.4522**, and the grayscale version is **27.4612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3223, 0.3266, 0.2495**, and **10.0973, 0.3304, 0.2026** is the 20% darker color. If you saturate the color by 10%, you get **22.2335, 0.3330, 0.2121**, and if you desaturate by 10%, it is **30.7117, 0.3246, 0.2521**.

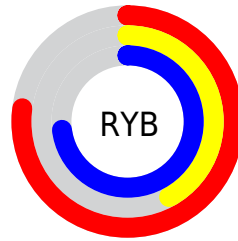
Distribution



Red (77%)

Green (42%)

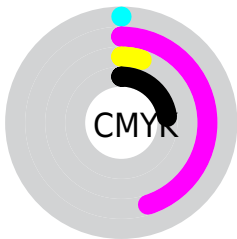
Blue (73%)



Red (77%)

Yellow (42%)

Blue (73%)

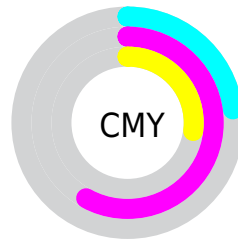


Cyan (0%)

Magenta (45%)

Yellow (5%)

Black (23%)



Cyan (23%)


Magenta (58%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0061, 0.3287, 0.2311 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 26.0061, 0.3287, 0.2311 by changing the saturation by 10% instead.


 26.0061, 0.3287,
0.2311


 26.0061, 0.3287,
0.2311

282.8120, 0.3217,
0.2803


 16.8282, 0.3300,
0.2189


 53.2848, 0.3264,
0.2490


 10.1121, 0.3315,
0.2033


 72.1544, 0.3255,
0.2557

 5.4733, 0.3329,
0.1829


 95.0233, 0.3247,
0.2614

 2.5276, 0.3339,
0.1553

 122.2760, 0.3240,
0.2662

 0.8904, 0.3328,
0.1165

154.2968, 0.3233,
0.2705

 0.0000, 0.3451,
0.0000

191.4701, 0.3227,

 0.0000, 0.0000,

0.2741

0.0000

234.1804, 0.3222,
0.2774

■ 26.0061, 0.3287,
0.2311

■ 26.0061, 0.3287,
0.2311

■ 22.2335, 0.3330,
0.2121

■ 30.7117, 0.3246,
0.2521

■ 19.3273, 0.3375,
0.1960

■ 36.4038, 0.3207,
0.2743

■ 17.2178, 0.3418,
0.1837

■ 43.1363, 0.3172,
0.2966

■ 15.8231, 0.3460,
0.1757

■ 50.9580, 0.3141,
0.3186

■ 15.0434, 0.3499,
0.1720

■ 59.9147, 0.3114,
0.3396

■ 14.7816, 0.3518,
0.1712

■ 70.0495, 0.3090,
0.3595

■ 81.4033, 0.3069,
0.3781

■ 87.6028, 0.3054,
0.3855

■ 87.7099, 0.3042,
0.3830

Harmonies

Analogous

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



26.0061, 0.2452, 0.2028



26.0061, 0.3287, 0.2311



26.0061, 0.4196, 0.2788

Triad

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



26.0061, 0.3287, 0.2311



26.0061, 0.4374, 0.4614



26.0061, 0.1699, 0.2839

Complementary

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



26.0061, 0.3287, 0.2311



43.9693, 0.3002, 0.4522

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.



26.0061, 0.2085, 0.3776



26.0061, 0.3287, 0.2311



26.0061, 0.3620, 0.4949

Square

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



26.0061, 0.3287, 0.2311



26.0061, 0.4835, 0.4016



26.0061, 0.2783, 0.4665



26.0061, 0.1645, 0.2236

Rectangle

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



26.0061, 0.3287, 0.2311



26.0061, 0.4653, 0.3176



26.0061, 0.2783, 0.4665



26.0061, 0.1790, 0.3123

Sweetspot

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



26.0073, 0.3287, 0.2311



80.4035, 0.3167, 0.3004



18.4809, 0.2365, 0.1931



16.5723, 0.3174, 0.2954



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.



26.0073, 0.3287, 0.2311



40.3086, 0.3330, 0.2121



24.4504, 0.3822, 0.2824



10.2272, 0.3155, 0.3088



9.5075, 0.3513, 0.1709



0.4165, 0.3437, 0.1667

Inverse Universe

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



26.0073, 0.3287, 0.2311



40.3086, 0.3330, 0.2121



45.2279, 0.2735, 0.3826



10.2272, 0.3155, 0.3088



9.5075, 0.3513, 0.1709



0.4165, 0.3437, 0.1667

Previews

White Background



This preview shows how the Yxy color 26.0061, 0.3287, 0.2311 looks on a white background.

Color Contrast Check

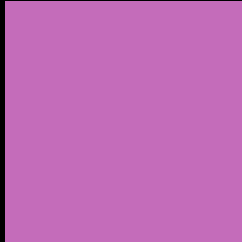
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0061, 0.3287, 0.2311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

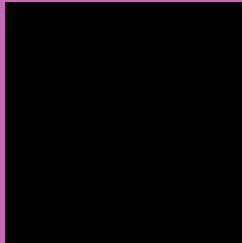
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0061, 0.3287, 0.2311

Background



This preview shows how black text looks on a background with the Yxy color 26.0061, 0.3287, 0.2311.

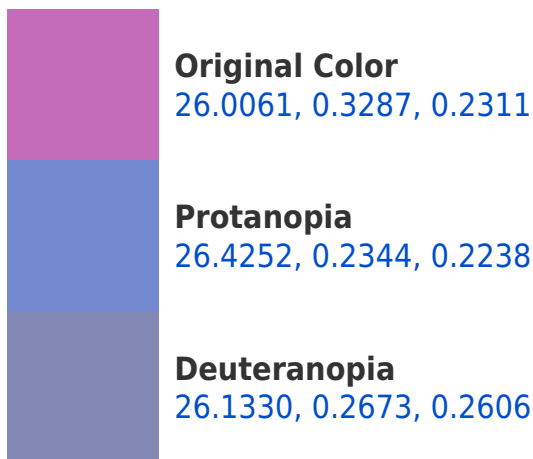


This preview shows how white text looks on a background with the Yxy color 26.0061, 0.3287, 0.2311.

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

25.8367, 0.3881, 0.3167

Trichromacy



Original Color

26.0061, 0.3287, 0.2311



Protanomaly

25.3251, 0.2610, 0.2230



Deuteranomaly

25.3092, 0.2868, 0.2458



Tritanomaly

25.8993, 0.3661, 0.2831

Monochromacy



Original Color

26.0061, 0.3287, 0.2311



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

26.1498, 0.3181, 0.2855

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0061, 0.3287, 0.2311 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(196, 108, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 108, 186) }
```

Border

The CSS property to change the border of an element to Yxy 26.0061, 0.3287, 0.2311 is called "border". The border property can be set on classes, ids or directly on the HTML element.

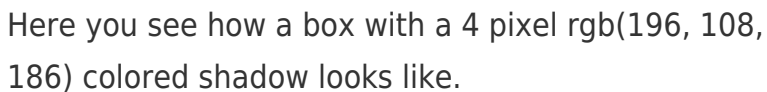
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 108, 186) }
```

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

```
.border{ border-color:rgb(196, 108, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 108, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 108, 186); box-shadow:4px 4px 4px 4px rgb(196, 108, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0061, 0.3287, 0.2311 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, 186) }
```

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

```
.background{ background-color: rgb(196,  
108, 186) }
```

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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