

Converting Colors

$Y_{xy}(26.6526, 0.3238, 0.2306)$

Have a look what the booklet for
Yxy(26.6526, 0.3238, 0.2306)
contains.

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Color

Yxy(26.6451, 0.3241, 0.2310)

Conversions

Conversions Part 1

Format	Color
Hex	C36FBD
RGB	195, 111, 189
RGB Percent	76%, 44%, 74%
CMY	0.2351, 0.5648, 0.2588
CMYK	0.00, 0.43, 0.03, 0.24
HSL	304°, 41%, 60%
HSV	304°, 43%, 76%
XYZ	37.3839, 26.6451, 51.3178
YIQ	145.0080, 25.0260, 42.0660

Conversions

Conversions Part 2

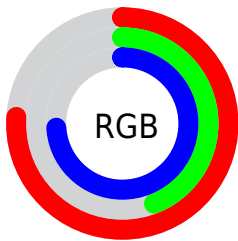
Format	Color
R_{YB}	195, 111, 189
Decimal	12808125
CIE _{Lab}	58.64, 44.60, -26.95
CIE _{LCh}	59, 52.107, 328.859
Yxy	26.6451, 0.3241, 0.2310
Android (android.graphics.Color)	4290998205 (0xFFC36FBD)
YUV	145.0080, 21.6881, 43.8430
Hunter-Lab	51.6189, 38.9418, -22.8109

Details

The Yxy color **26.6451, 0.3241, 0.2310** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **43.7130, 0.3028, 0.4519**, and the grayscale version is **28.2212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3855, 0.3231, 0.2495**, and **10.3662, 0.3252, 0.2033** is the 20% darker color. If you saturate the color by 10%, you get **22.7850, 0.3271, 0.2110**, and if you desaturate by 10%, it is **31.4373, 0.3211, 0.2530**.

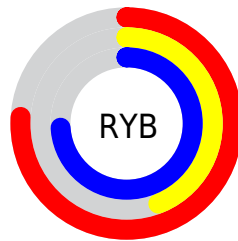
Distribution



Red (76%)

Green (44%)

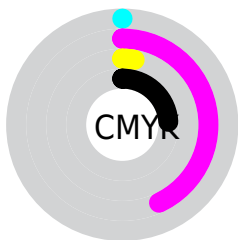
Blue (74%)



Red (76%)

Yellow (44%)

Blue (74%)

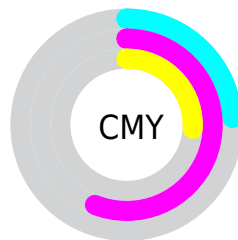


Cyan (0%)

Magenta (43%)

Yellow (3%)

Black (24%)



Cyan (24%)


Magenta (56%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6451, 0.3241, 0.2310 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 26.6451, 0.3241, 0.2310 by changing the saturation by 10% instead.


 26.6451, 0.3241,
0.2310


 26.6451, 0.3241,
0.2310


285.9346, 0.3196,
0.2801


 17.3069, 0.3248,
0.2189


 54.3138, 0.3228,
0.2488


 10.4535, 0.3254,
0.2035


 73.4131, 0.3222,
0.2555

 5.7007, 0.3256,
0.1833


 96.5349, 0.3217,
0.2611

 2.6639, 0.3248,
0.1560

 124.0635, 0.3212,
0.2660

 0.9589, 0.3211,
0.1180

156.3834, 0.3207,
0.2702

 0.0000, 0.3293,
0.0000

193.8790, 0.3203,

 0.0000, 0.0000,

0.2739

0.0000

236.9346, 0.3199,
0.2772

■ 26.6451, 0.3241,
0.2310

■ 26.6451, 0.3241,
0.2310

■ 22.7850, 0.3271,
0.2110

■ 31.4373, 0.3211,
0.2530

■ 19.7924, 0.3302,
0.1938

■ 37.2137, 0.3183,
0.2761

■ 17.5999, 0.3331,
0.1804


■ 44.0266, 0.3157,
0.2993


■ 16.1289, 0.3358,
0.1712

■ 51.9238, 0.3134,
0.3221

■ 15.2848, 0.3383,
0.1662

■ 60.9501, 0.3113,
0.3440

 14.9453, 0.3399,
0.1646

 71.1475, 0.3094,
0.3646

 82.5562, 0.3078,
0.3837

 87.3083, 0.3068,
0.3897

 87.3743, 0.3060,
0.3881

Harmonies

Analogous

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



26.6451, 0.2432, 0.2042



26.6451, 0.3241, 0.2310



26.6451, 0.4134, 0.2773

Triad

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



26.6451, 0.3241, 0.2310



26.6451, 0.4384, 0.4568



26.6451, 0.1736, 0.2890

Complementary

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



26.6451, 0.3241, 0.2310



43.7130, 0.3028, 0.4519

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.



26.6451, 0.2134, 0.3814



26.6451, 0.3241, 0.2310



26.6451, 0.3655, 0.4909

Square

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



26.6451, 0.3241, 0.2310



26.6451, 0.4813, 0.3978



26.6451, 0.2831, 0.4661



26.6451, 0.1666, 0.2278

Rectangle

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



26.6451, 0.3241, 0.2310



26.6451, 0.4595, 0.3152



26.6451, 0.2831, 0.4661



26.6451, 0.1831, 0.3173

Sweetspot

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



26.6463, 0.3241, 0.2310



78.6806, 0.3158, 0.2991



19.0592, 0.2377, 0.1985



16.5940, 0.3163, 0.2939



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.



26.6463, 0.3241, 0.2310



40.9691, 0.3271, 0.2115



25.0914, 0.3745, 0.2805



10.2346, 0.3148, 0.3079



9.7140, 0.3396, 0.1645



0.4235, 0.3350, 0.1619

Inverse Universe

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



26.6463, 0.3241, 0.2310



40.9691, 0.3271, 0.2115



44.9181, 0.2765, 0.3845



10.2346, 0.3148, 0.3079



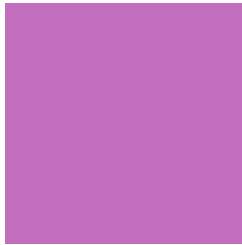
9.7140, 0.3396, 0.1645



0.4235, 0.3350, 0.1619

Previews

White Background



This preview shows how the Yxy color 26.6451, 0.3241, 0.2310 looks on a white background.

Color Contrast Check

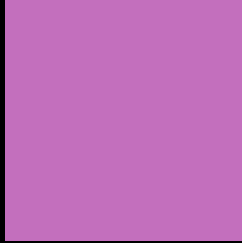
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6451, 0.3241, 0.2310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

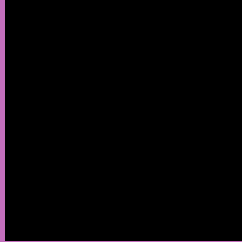
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6451, 0.3241, 0.2310

Background



This preview shows how black text looks on a background with the Yxy color 26.6451, 0.3241, 0.2310.



This preview shows how white text looks on a background with the Yxy color 26.6451, 0.3241, 0.2310.

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

26.6451, 0.3241, 0.2310

Protanopia

26.9503, 0.2349, 0.2234

Deuteranopia

26.8315, 0.2652, 0.2597



Tritanopia

26.5507, 0.3806, 0.3152

Trichromacy



Original Color

26.6451, 0.3241, 0.2310



Protanomaly

26.0321, 0.2607, 0.2239



Deuteranomaly

26.2142, 0.2842, 0.2465



Tritanomaly

26.5699, 0.3604, 0.2830

Monochromacy



Original Color

26.6451, 0.3241, 0.2310



Achromatopsia

28.3149, 0.3127, 0.3290



Achromatomaly

27.1348, 0.3169, 0.2873

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6451, 0.3241, 0.2310 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(195, 111, 189)` looks like.

```
.text, #text, p{  
    color:rgb(195, 111, 189)  
}
```

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(195, 111, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 111, 189) }
```

Border

The CSS property to change the border of an element to Yxy 26.6451, 0.3241, 0.2310 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(195, 111, 189) }
```

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

```
.border{ border-color:rgb(195, 111, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 111, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 111, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 111, 189);  
box-shadow:4px 4px 4px 4px rgb(195, 111,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6451, 0.3241, 0.2310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 111, 189) }
```

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

```
.background{ background-color: rgb(195,  
111, 189) }
```

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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