

Converting Colors

$Y_{xy}(26.0957, 0.4240, 0.3092)$

Have a look what the booklet for
Yxy(26.0957, 0.4240, 0.3092)
contains.

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Color

Yxy(26.1196, 0.4234, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	D26D7D
RGB	210, 109, 125
RGB Percent	82%, 43%, 49%
CMY	0.1766, 0.5725, 0.5098
CMYK	0.00, 0.48, 0.40, 0.18
HSL	351°, 53%, 63%
HSV	351°, 48%, 82%
XYZ	35.7435, 26.1196, 22.5571
YIQ	141.0230, 55.0600, 26.3880

Conversions

Conversions Part 2

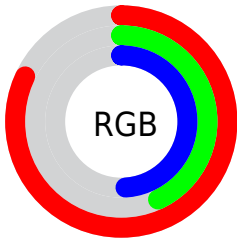
Format	Color
R_{YB}	210, 109, 125
Decimal	13790589
CIE _{Lab}	58.15, 41.29, 9.50
CIE _{LCh}	58, 42.368, 12.963
Yxy	26.1196, 0.4234, 0.3094
Android (android.graphics.Color)	4291980669 (0xFFD26D7D)
YUV	141.0230, -7.8993, 60.4928
Hunter-Lab	51.1073, 35.4017, 9.6065

Details

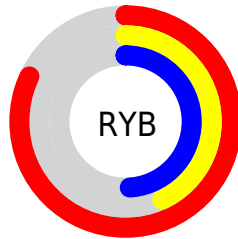
The Yxy color **26.1196, 0.4234, 0.3094** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **53.2301, 0.2579, 0.3512**, and the grayscale version is **26.6627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.6287, 0.3868, 0.3145**, and **10.1235, 0.4649, 0.2995** is the 20% darker color. If you saturate the color by 10%, you get **21.7501, 0.4613, 0.3065**, and if you desaturate by 10%, it is **31.6422, 0.3909, 0.3132**.

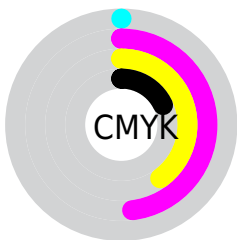
Distribution



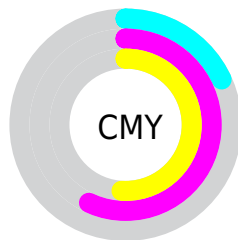
- Red (82%)
- Green (43%)
- Blue (49%)



- Red (82%)
- Yellow (43%)
- Blue (49%)



- Cyan (0%)
- Magenta (48%)
- Yellow (40%)
- Black (18%)





- Cyan (18%)
- Magenta (57%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1196, 0.4234, 0.3094 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 26.1196, 0.4234, 0.3094 by changing the saturation by 10% instead.


 26.1196, 0.4234,
0.3094


 26.1196, 0.4234,
0.3094


283.3687, 0.3624,
0.3216


 16.9131, 0.4407,
0.3054


 53.4678, 0.3998,
0.3145

 10.1726, 0.4641,
0.2995


 72.3784, 0.3913,
0.3162

 5.5135, 0.4976,
0.2905

 95.2924, 0.3844,
0.3176

 2.5516, 0.5486,
0.2749

 122.5943, 0.3785,
0.3187

 0.9024, 0.6569,
0.2537

154.6685, 0.3736,
0.3196

 0.0000, 1.0000,
0.0000

191.8994, 0.3693,

 0.0000, 0.0000,

0.3204

0.0000

234.6713, 0.3656,
0.3210

■ 26.1196, 0.4234,
0.3094

■ 26.1196, 0.4234,
0.3094

■ 21.7501, 0.4613,
0.3065

■ 31.6422, 0.3909,
0.3132

■ 18.4480, 0.5034,
0.3054

■ 38.3876, 0.3640,
0.3175

■ 16.1220, 0.5464,
0.3067


■ 46.4246, 0.3422,
0.3218

■ 14.6640, 0.5851,
0.3110


■ 55.8160, 0.3245,
0.3259

■ 13.9170, 0.6145,
0.3174

■ 66.6203, 0.3102,
0.3297

 13.8093, 0.6192,
0.3185

 78.8925, 0.2987,
0.3332

 92.0408, 0.2893,
0.3354

 92.4383, 0.2860,
0.3289

Harmonies

Analogous

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



26.1196, 0.3580, 0.2633



26.1196, 0.4234, 0.3094



26.1196, 0.4546, 0.3623

Triad

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



26.1196, 0.4234, 0.3094



26.1196, 0.3269, 0.4569



26.1196, 0.1949, 0.2309

Complementary

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



26.1196, 0.4234, 0.3094



53.2301, 0.2579, 0.3512

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.



26.1196, 0.1889, 0.2699



26.1196, 0.4234, 0.3094



26.1196, 0.2600, 0.4108

Square

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



26.1196, 0.4234, 0.3094



26.1196, 0.3935, 0.4533



26.1196, 0.2108, 0.3358



26.1196, 0.2276, 0.2193

Rectangle

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



26.1196, 0.4234, 0.3094



26.1196, 0.4506, 0.3978



26.1196, 0.2108, 0.3358



26.1196, 0.1899, 0.2407

Sweetspot

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



26.1209, 0.4234, 0.3094



77.5131, 0.3348, 0.3234



26.9515, 0.3006, 0.2070



15.9322, 0.3388, 0.3225



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.



26.1209, 0.4234, 0.3094



33.4213, 0.4636, 0.3064



34.3502, 0.4228, 0.3714



11.8383, 0.3266, 0.3253



8.4352, 0.6163, 0.3169



0.4815, 0.5701, 0.2915

Inverse Universe

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



26.1209, 0.4234, 0.3094



33.4213, 0.4636, 0.3064



39.0833, 0.2406, 0.2805



11.8383, 0.3266, 0.3253



8.4352, 0.6163, 0.3169



0.4815, 0.5701, 0.2915

Previews

White Background



This preview shows how the Yxy color 26.1196, 0.4234, 0.3094 looks on a white background.

Color Contrast Check

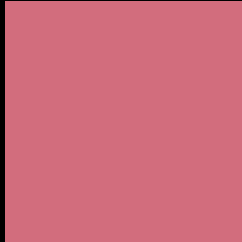
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1196, 0.4234, 0.3094 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 26.1196, 0.4234, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 26.1196, 0.4234, 0.3094.



This preview shows how white text looks on a background with the Yxy color 26.1196, 0.4234, 0.3094.

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

26.1196, 0.4234, 0.3094

Protanopia

26.4599, 0.3129, 0.3257

Deuteranopia

26.2855, 0.3582, 0.3512



Tritanopia

26.0152, 0.4314, 0.3193

Trichromacy



Original Color

26.1196, 0.4234, 0.3094

Protanomaly

25.6936, 0.3499, 0.3184

Deuteranomaly

25.9106, 0.3823, 0.3351

Tritanomaly

26.0876, 0.4272, 0.3156

Monochromacy



Original Color

26.1196, 0.4234, 0.3094

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.5568, 0.3499, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1196, 0.4234, 0.3094 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(210, 109, 125)` looks like.

```
.text, #text, p{  
    color:rgb(210, 109, 125)  
}
```

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(210, 109, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 109, 125) }
```

Border

The CSS property to change the border of an element to Yxy 26.1196, 0.4234, 0.3094 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(210, 109, 125) }
```

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

```
.border{ border-color:rgb(210, 109, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 109, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 109, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 109, 125);  
box-shadow:4px 4px 4px 4px rgb(210, 109,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1196, 0.4234, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 109, 125) }
```

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

```
.background{ background-color: rgb(210,  
109, 125) }
```

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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