

Converting Colors

$Y_{xy}(26.0757, 0.3651, 0.2881)$

Have a look what the booklet for
Yxy(26.0757, 0.3651, 0.2881)
contains.

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Color

Yxy(26.0421, 0.3657, 0.2881)

Conversions

Conversions Part 1

Format	Color
Hex	BE7694
RGB	190, 118, 148
RGB Percent	75%, 46%, 58%
CMY	0.2549, 0.5372, 0.4197
CMYK	0.00, 0.38, 0.22, 0.25
HSL	335°, 36%, 60%
HSV	335°, 38%, 75%
XYZ	33.0566, 26.0421, 31.2939
YIQ	142.9480, 33.2820, 24.5940

Conversions

Conversions Part 2

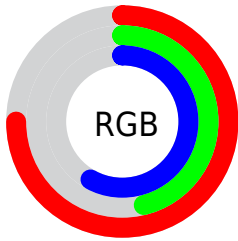
Format	Color
R _Y B	190, 118, 148
Decimal	12482196
CIE Lab	58.08, 32.32, -4.27
CIE LCh	58, 32.605, 352.479
Yxy	26.0421, 0.3657, 0.2881
Android (android.graphics.Color)	4290672276 (0xFFBE7694)
YUV	142.9480, 2.4906, 41.2646
Hunter-Lab	51.0315, 26.3216, -0.6363

Details

The Yxy color **26.0421, 0.3657, 0.2881** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **43.2154, 0.2794, 0.3746**, and the grayscale version is **27.4269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3465, 0.3550, 0.2962**, and **10.1482, 0.3854, 0.2751** is the 20% darker color. If you saturate the color by 10%, you get **21.6753, 0.3867, 0.2775**, and if you desaturate by 10%, it is **31.3462, 0.3479, 0.2992**.

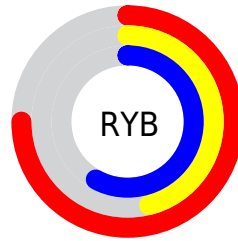
Distribution



Red (75%)

Green (46%)

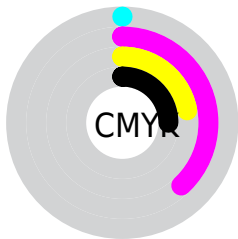
Blue (58%)



Red (75%)

Yellow (46%)

Blue (58%)

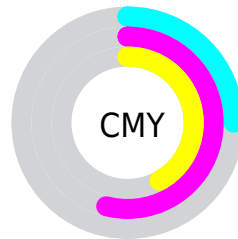


Cyan (0%)

Magenta (38%)

Yellow (22%)

Black (25%)



Cyan (25%)


Magenta (54%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0421, 0.3657, 0.2881 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 26.0421, 0.3657, 0.2881 by changing the saturation by 10% instead.


 26.0421, 0.3657,
0.2881

 26.0421, 0.3657,
0.2881


282.9887, 0.3369,
0.3100


 16.8551, 0.3737,
0.2821


 53.3429, 0.3546,
0.2964

 10.1313, 0.3846,
0.2741


 72.2254, 0.3507,
0.2994

 5.4861, 0.4002,
0.2628


 95.1087, 0.3474,
0.3020

 2.5352, 0.4241,
0.2457

122.3770, 0.3446,
0.3041

 0.8942, 0.4656,
0.2172

154.4147, 0.3423,
0.3059

 0.0000, 0.8981,
0.0000

191.6064, 0.3403,

 0.0000, 0.0000,

0.3074

0.0000

234.3362, 0.3385,
0.3088

■ 26.0421, 0.3657,
0.2881

■ 26.0421, 0.3657,
0.2881

■ 21.6753, 0.3867,
0.2775

■ 31.3462, 0.3479,
0.2992

■ 18.1868, 0.4111,
0.2684

■ 37.6348, 0.3331,
0.3103

■ 15.5165, 0.4384,
0.2618


■ 44.9562, 0.3208,
0.3210

■ 13.5952, 0.4678,
0.2591


■ 53.3543, 0.3107,
0.3311


■ 12.3419, 0.4975,
0.2613

■ 62.8708, 0.3025,
0.3404

 11.6344, 0.5257,
0.2685

 73.5449, 0.2956,
0.3490

 11.5125, 0.5316,
0.2702

 85.4139, 0.2900,
0.3569

 88.5627, 0.2844,
0.3487

 89.2300, 0.2788,
0.3366

Harmonies

Analogous

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



26.0421, 0.3094, 0.2577



26.0421, 0.3657, 0.2881



26.0421, 0.4090, 0.3283

Triad

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



26.0421, 0.3657, 0.2881



26.0421, 0.3621, 0.4293



26.0421, 0.2132, 0.2720

Complementary

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



26.0421, 0.3657, 0.2881



43.2154, 0.2794, 0.3746

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.



26.0421, 0.2244, 0.3179



26.0421, 0.3657, 0.2881



26.0421, 0.3082, 0.4178

Square

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



26.0421, 0.3657, 0.2881



26.0421, 0.4049, 0.4094



26.0421, 0.2581, 0.3741



26.0421, 0.2251, 0.2466

Rectangle

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



26.0421, 0.3657, 0.2881



26.0421, 0.4222, 0.3573



26.0421, 0.2581, 0.3741



26.0421, 0.2143, 0.2852

Sweetspot

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



26.0433, 0.3657, 0.2881



76.8947, 0.3246, 0.3176



24.1505, 0.2850, 0.2274



16.4796, 0.3263, 0.3161



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.0433, 0.3657, 0.2881



40.8516, 0.3819, 0.2797



26.6723, 0.4014, 0.3376



9.6005, 0.3225, 0.3195



7.6706, 0.5283, 0.2684



0.3135, 0.4667, 0.2344

Inverse Universe

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



26.0433, 0.3657, 0.2881



40.8516, 0.3819, 0.2797



41.8488, 0.2593, 0.3201



9.6005, 0.3225, 0.3195



7.6706, 0.5283, 0.2684



0.3135, 0.4667, 0.2344

Previews

White Background



This preview shows how the Yxy color 26.0421, 0.3657, 0.2881 looks on a white background.

Color Contrast Check

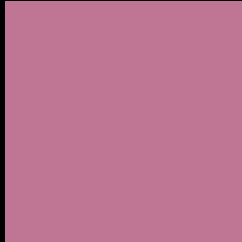
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0421, 0.3657, 0.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

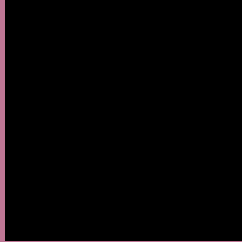
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0421, 0.3657, 0.2881

Background



This preview shows how black text looks on a background with the Yxy color 26.0421, 0.3657, 0.2881.



This preview shows how white text looks on a background with the Yxy color 26.0421, 0.3657, 0.2881.

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

26.0421, 0.3657, 0.2881

Protanopia

26.2727, 0.2884, 0.2935

Deuteranopia

26.2320, 0.3200, 0.3147



Tritanopia

25.9778, 0.3852, 0.3166

Trichromacy



Original Color

26.0421, 0.3657, 0.2881

Protanomaly

25.7008, 0.3145, 0.2905

Deuteranomaly

25.7752, 0.3360, 0.3033

Tritanomaly

26.0579, 0.3778, 0.3056

Monochromacy



Original Color

26.0421, 0.3657, 0.2881

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.5681, 0.3305, 0.3121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0421, 0.3657, 0.2881 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(190, 118, 148)` looks like.

```
.text, #text, p{  
    color:rgb(190, 118, 148)  
}
```

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(190, 118, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 118, 148) }
```

Border

The CSS property to change the border of an element to Yxy 26.0421, 0.3657, 0.2881 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(190, 118, 148) }
```

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

```
.border{ border-color:rgb(190, 118, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 118, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 118, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 118, 148);  
box-shadow:4px 4px 4px 4px rgb(190, 118,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0421, 0.3657, 0.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 118, 148) }
```

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

```
.background{ background-color: rgb(190,  
118, 148) }
```

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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