

Converting Colors

$Y_{xy}(26.5222, 0.3449, 0.2630)$

Have a look what the booklet for
Yxy(26.5222, 0.3449, 0.2630)
contains.

Yxy(26.5521, 0.3450, 0.2638)	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(26.5521, 0.3450, 0.2638)

Conversions

Conversions Part 1

Format	Color
Hex	BF75A6
RGB	191, 117, 166
RGB Percent	75%, 46%, 65%
CMY	0.2511, 0.5411, 0.3490
CMYK	0.00, 0.39, 0.13, 0.25
HSL	320°, 37%, 60%
HSV	320°, 39%, 75%
XYZ	34.7251, 26.5521, 39.3752
YIQ	144.7120, 28.3750, 30.9270

Conversions

Conversions Part 2

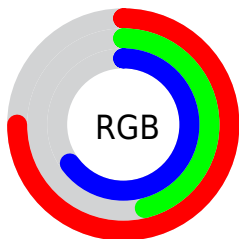
Format	Color
R_{YB}	191, 117, 166
Decimal	12547494
CIE _{Lab}	58.56, 36.07, -13.94
CIE _{LCh}	59, 38.674, 338.868
Yxy	26.5521, 0.3450, 0.2638
Android (android.graphics.Color)	4290737574 (0xFFBF75A6)
YUV	144.7120, 10.4950, 40.5946
Hunter-Lab	51.5287, 30.1154, -9.2358

Details

The Yxy color **26.5521, 0.3450, 0.2638** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **42.9846, 0.2908, 0.4052**, and the grayscale version is **28.1417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1096, 0.3393, 0.2761**, and **10.3456, 0.3553, 0.2428** is the 20% darker color. If you saturate the color by 10%, you get **22.3163, 0.3567, 0.2476**, and if you desaturate by 10%, it is **31.7100, 0.3348, 0.2809**.

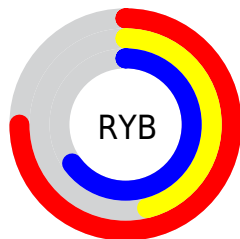
Distribution



Red (75%)

Green (46%)

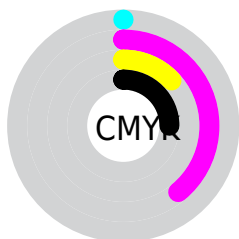
Blue (65%)



Red (75%)

Yellow (46%)

Blue (65%)

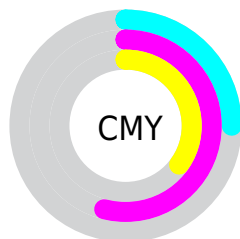


Cyan (0%)

Magenta (39%)

Yellow (13%)

Black (25%)



Cyan (25%)


Magenta (54%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5521, 0.3450, 0.2638 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 26.5521, 0.3450, 0.2638 by changing the saturation by 10% instead.


 26.5521, 0.3450,
0.2638


 26.5521, 0.3450,
0.2638


285.4819, 0.3282,
0.2976


 17.2371, 0.3494,
0.2550


 54.1643, 0.3388,
0.2764

 10.4037, 0.3551,
0.2435


 73.2303, 0.3365,
0.2810

 5.6674, 0.3630,
0.2279


 96.3154, 0.3345,
0.2849

 2.6439, 0.3742,
0.2054

123.8041, 0.3329,
0.2882

 0.9488, 0.3917,
0.1710

156.0807, 0.3315,
0.2910

 0.0000, 0.4764,
0.0000

193.5296, 0.3303,

 0.0000, 0.0000,

0.2935

0.0000

236.5352, 0.3292,
0.2957

■ 26.5521, 0.3450,
0.2638

■ 26.5521, 0.3450,
0.2638

■ 22.3163, 0.3567,
0.2476

■ 31.7100, 0.3348,
0.2809

■ 18.9432, 0.3696,
0.2332

■ 37.8373, 0.3259,
0.2981

■ 16.3722, 0.3836,
0.2218

■ 44.9826, 0.3183,
0.3149


■ 14.5332, 0.3982,
0.2143


■ 53.1899, 0.3120,
0.3310

■ 13.3438, 0.4130,
0.2116

■ 62.5009, 0.3066,
0.3461

 12.6665, 0.4274,
0.2135

 72.9549, 0.3021,
0.3601

 12.5921, 0.4293,
0.2139

 84.5891, 0.2984,
0.3731

 87.6325, 0.2950,
0.3702

 87.9757, 0.2916,
0.3628

Harmonies

Analogous

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



26.5521, 0.2796, 0.2364



26.5521, 0.3450, 0.2638



26.5521, 0.4065, 0.3053

Triad

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



26.5521, 0.3450, 0.2638



26.5521, 0.3947, 0.4393



26.5521, 0.2001, 0.2827

Complementary

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



26.5521, 0.3450, 0.2638



42.9846, 0.2908, 0.4052

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.



26.5521, 0.2244, 0.3451



26.5521, 0.3450, 0.2638



26.5521, 0.3353, 0.4464

Square

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



26.5521, 0.3450, 0.2638



26.5521, 0.4345, 0.4024



26.5521, 0.2729, 0.4104



26.5521, 0.2020, 0.2428

Rectangle

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



26.5521, 0.3450, 0.2638



26.5521, 0.4332, 0.3374



26.5521, 0.2729, 0.4104



26.5521, 0.2052, 0.3016

Sweetspot

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



26.5533, 0.3450, 0.2638



75.9424, 0.3208, 0.3092



22.2092, 0.2654, 0.2194



16.3001, 0.3218, 0.3070



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.



26.5533, 0.3450, 0.2638



41.3698, 0.3542, 0.2507



25.3940, 0.3913, 0.3122



9.6400, 0.3188, 0.3139



8.2937, 0.4275, 0.2128



0.3366, 0.3959, 0.1955

Inverse Universe

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



26.5533, 0.3450, 0.2638



41.3698, 0.3542, 0.2507



44.2725, 0.2671, 0.3471



9.6400, 0.3188, 0.3139



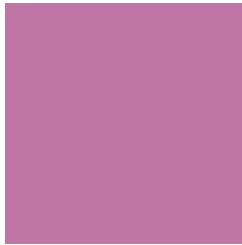
8.2937, 0.4275, 0.2128



0.3366, 0.3959, 0.1955

Previews

White Background



This preview shows how the Yxy color 26.5521, 0.3450, 0.2638 looks on a white background.

Color Contrast Check

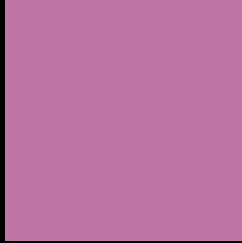
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5521, 0.3450, 0.2638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

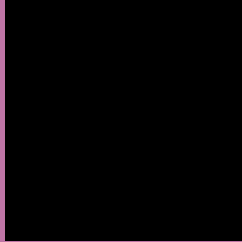
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5521, 0.3450, 0.2638

Background



This preview shows how black text looks on a background with the Yxy color 26.5521, 0.3450, 0.2638.



This preview shows how white text looks on a background with the Yxy color 26.5521, 0.3450, 0.2638.

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

26.5521, 0.3450, 0.2638

Protanopia

26.8794, 0.2652, 0.2637

Deuteranopia

26.8053, 0.2966, 0.2913



Tritanopia

26.4242, 0.3794, 0.3151

Trichromacy



Original Color

26.5521, 0.3450, 0.2638

Protanomaly

26.3125, 0.2904, 0.2632

Deuteranomaly

26.2910, 0.3139, 0.2798

Tritanomaly

26.4104, 0.3662, 0.2959

Monochromacy



Original Color

26.5521, 0.3450, 0.2638

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.3092, 0.3240, 0.3018

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5521, 0.3450, 0.2638 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(191, 117, 166)` looks like.

```
.text, #text, p{  
    color:rgb(191, 117, 166)  
}
```

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(191, 117, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 117, 166) }
```

Border

The CSS property to change the border of an element to Yxy 26.5521, 0.3450, 0.2638 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(191, 117, 166) }
```

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

```
.border{ border-color:rgb(191, 117, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 117, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 117, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 117, 166);  
box-shadow:4px 4px 4px 4px rgb(191, 117,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5521, 0.3450, 0.2638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 117, 166) }
```

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

```
.background{ background-color: rgb(191,  
117, 166) }
```

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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