

Converting Colors

$Y_{xy}(18.3771, 0.3827, 0.2743)$

Have a look what the booklet for
Yxy(18.3771, 0.3827, 0.2743)
contains.

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Color

Yxy(18.4694, 0.3827, 0.2751)

Conversions

Conversions Part 1

Format	Color
Hex	B05C81
RGB	176, 92, 129
RGB Percent	69%, 36%, 51%
CMY	0.3098, 0.6392, 0.4942
CMYK	0.00, 0.48, 0.27, 0.31
HSL	334°, 35%, 53%
HSV	334°, 48%, 69%
XYZ	25.6933, 18.4694, 22.9743
YIQ	121.3340, 38.1870, 29.3150

Conversions

Conversions Part 2

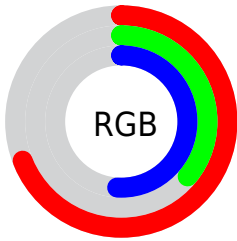
Format	Color
R_{YB}	176, 92, 129
Decimal	11558017
CIE Lab	50.06, 38.55, -5.17
CIE LCh	50, 38.895, 352.363
Yxy	18.4694, 0.3827, 0.2751
Android (android.graphics.Color)	4289748097 (0xFFB05C81)
YUV	121.3340, 3.7793, 47.9421
Hunter-Lab	42.9760, 31.5087, -1.6122

Details

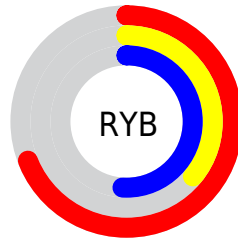
The Yxy color **18.4694, 0.3827, 0.2751** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **35.1913, 0.2742, 0.3922**, and the grayscale version is **19.2130, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.6476, 0.3663, 0.2862**, and **6.3001, 0.4109, 0.2547** is the 20% darker color. If you saturate the color by 10%, you get **15.5174, 0.4056, 0.2654**, and if you desaturate by 10%, it is **22.1568, 0.3629, 0.2863**.

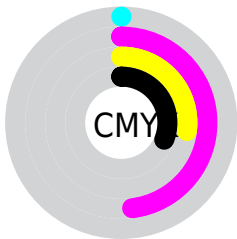
Distribution



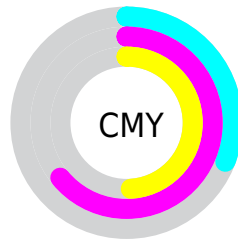
- Red (69%)
- Green (36%)
- Blue (51%)



- Red (69%)
- Yellow (36%)
- Blue (51%)



- Cyan (0%)
- Magenta (48%)
- Yellow (27%)
- Black (31%)





- Cyan (31%)
- Magenta (64%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.4694, 0.3827, 0.2751 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 18.4694, 0.3827, 0.2751 by changing the saturation by 10% instead.


 18.4694, 0.3827,
0.2751


 18.4694, 0.3827,
0.2751


243.5037, 0.3429,
0.3052


 11.2875, 0.3946,
0.2663


 40.8356, 0.3669,
0.2869


 6.2606, 0.4114,
0.2542


 56.7886, 0.3614,
0.2911

 3.0042, 0.4367,
0.2363

 76.4342, 0.3569,
0.2945

 1.1339, 0.4786,
0.2078

 100.1567, 0.3531,
0.2974

 0.0067, 0.7172,
0.0051

128.3405, 0.3500,
0.2998

 0.0000, 0.0000,
0.0000

161.3700, 0.3473,

0.3019

199.6296, 0.3449,
0.3037

■ 18.4694, 0.3827,
0.2751

■ 18.4694, 0.3827,
0.2751

■ 15.5174, 0.4056,
0.2654

■ 22.1568, 0.3629,
0.2863

■ 13.2476, 0.4313,
0.2581

■ 26.6225, 0.3460,
0.2979

■ 11.6040, 0.4589,
0.2547


■ 31.9094, 0.3320,
0.3096

■ 10.5201, 0.4871,
0.2560


■ 38.0564, 0.3203,
0.3208

■ 9.8923, 0.5142,
0.2624

■ 45.0999, 0.3107,
0.3313

 9.7729, 0.5203,
0.2640

 53.0741, 0.3027,
0.3412

 62.0116, 0.2962,
0.3502

 71.9433, 0.2908,
0.3586

 82.8987, 0.2863,
0.3662

Harmonies

Analogous

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



18.4694, 0.3068, 0.2372



18.4694, 0.3827, 0.2751



18.4694, 0.4416, 0.3252

Triad

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



18.4694, 0.3827, 0.2751



18.4694, 0.3752, 0.4633



18.4694, 0.1846, 0.2522

Complementary

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



18.4694, 0.3827, 0.2751



35.1913, 0.2742, 0.3922

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.



18.4694, 0.1978, 0.3120



18.4694, 0.3827, 0.2751



18.4694, 0.3045, 0.4517

Square

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



18.4694, 0.3827, 0.2751



18.4694, 0.4327, 0.4313



18.4694, 0.2398, 0.3904



18.4694, 0.1995, 0.2217

Rectangle

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



18.4694, 0.3827, 0.2751



18.4694, 0.4587, 0.3616



18.4694, 0.2398, 0.3904



18.4694, 0.1858, 0.2690

Sweetspot

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



18.4703, 0.3827, 0.2751



61.5702, 0.3277, 0.3135



16.2108, 0.2724, 0.1991



12.8521, 0.3302, 0.3111



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



18.4703, 0.3827, 0.2751



28.0142, 0.4063, 0.2651



18.4066, 0.4382, 0.3355



8.5654, 0.3220, 0.3190



7.1819, 0.5178, 0.2626



0.2378, 0.4494, 0.2249

Inverse Universe

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



18.4703, 0.3827, 0.2751



28.0142, 0.4063, 0.2651



34.8396, 0.2493, 0.3220



8.5654, 0.3220, 0.3190



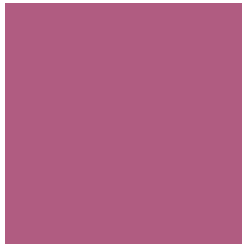
7.1819, 0.5178, 0.2626



0.2378, 0.4494, 0.2249

Previews

White Background



This preview shows how the Yxy color 18.4694, 0.3827, 0.2751 looks on a white background.

Color Contrast Check

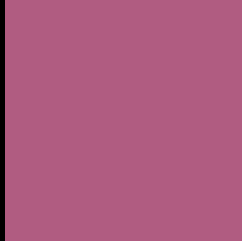
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4694, 0.3827, 0.2751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

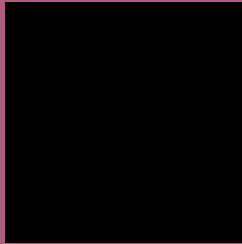
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.4694, 0.3827, 0.2751

Background



This preview shows how black text looks on a background with the Yxy color 18.4694, 0.3827, 0.2751.



This preview shows how white text looks on a background with the Yxy color 18.4694, 0.3827, 0.2751.

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

18.4694, 0.3827, 0.2751

Protanopia

18.5429, 0.2765, 0.2775

Deuteranopia

18.6386, 0.3186, 0.3125



Tritanopia

18.5475, 0.4165, 0.3188

Trichromacy



Original Color

18.4694, 0.3827, 0.2751

Protanomaly

18.0650, 0.3101, 0.2752

Deuteranomaly

18.1327, 0.3414, 0.2965

Tritanomaly

18.4906, 0.4049, 0.3025

Monochromacy



Original Color

18.4694, 0.3827, 0.2751

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.2698, 0.3366, 0.3045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4694, 0.3827, 0.2751 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(176, 92, 129)` looks like.

```
.text, #text, p{  
    color:rgb(176, 92, 129)  
}
```

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(176, 92, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 92, 129) }
```

Border

The CSS property to change the border of an element to Yxy 18.4694, 0.3827, 0.2751 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(176, 92, 129) }
```

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

```
.border{ border-color:rgb(176, 92, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 92, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 92, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 92, 129);  
box-shadow:4px 4px 4px 4px rgb(176, 92,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 18.4694, 0.3827, 0.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 92, 129) }
```

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

```
.background{ background-color: rgb(176, 92,  
129) }
```

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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