

Converting Colors

$Y_{xy}(17.5941, 0.4510, 0.3111)$

Have a look what the booklet for
Yxy(17.5941, 0.4510, 0.3111)
contains.

Yxy(17.6428, 0.4520, 0.3118)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.6428, 0.4520, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	BA5461
RGB	186, 84, 97
RGB Percent	73%, 33%, 38%
CMY	0.2706, 0.6705, 0.6196
CMYK	0.00, 0.55, 0.48, 0.27
HSL	352°, 42%, 53%
HSV	352°, 55%, 73%
XYZ	25.5758, 17.6428, 13.3651
YIQ	115.9800, 56.6190, 25.6670

Conversions

Conversions Part 2

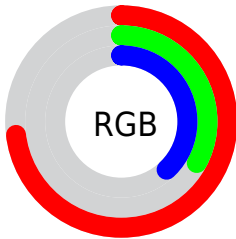
Format	Color
R_{YB}	186, 84, 97
Decimal	12211297
CIE _{Lab}	49.06, 42.37, 12.78
CIE _{LCh}	49, 44.254, 16.781
Yxy	17.6428, 0.4520, 0.3118
Android (android.graphics.Color)	4290401377 (0xFFBA5461)
YUV	115.9800, -9.3571, 61.4075
Hunter-Lab	42.0033, 35.1828, 10.5368

Details

The Yxy color **17.6428, 0.4520, 0.3118** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.0170, 0.2511, 0.3494**, and the grayscale version is **17.4760, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4104, 0.4191, 0.3185**, and **5.8861, 0.5132, 0.2979** is the 20% darker color. If you saturate the color by 10%, you get **14.8569, 0.4940, 0.3105**, and if you desaturate by 10%, it is **21.2590, 0.4148, 0.3144**.

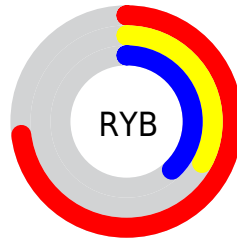
Distribution



Red (73%)

Green (33%)

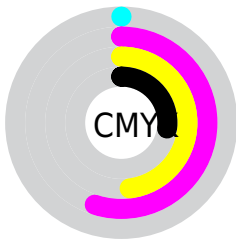
Blue (38%)



Red (73%)

Yellow (33%)

Blue (38%)

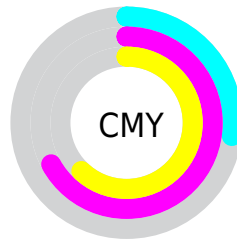


Cyan (0%)

Magenta (55%)

Yellow (48%)

Black (27%)



Cyan (27%)


Magenta (67%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.6428, 0.4520, 0.3118 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 17.6428, 0.4520, 0.3118 by changing the saturation by 10% instead.


 17.6428, 0.4520,
0.3118

 17.6428, 0.4520,
0.3118


238.8499, 0.3707,
0.3244

 10.6938, 0.4770,
0.3066


 39.4277, 0.4192,
0.3177


 5.8614, 0.5124,
0.2982

 55.0325, 0.4079,
0.3194


 2.7610, 0.5653,
0.2834

 74.2913, 0.3987,
0.3208

 1.0082, 0.6818,
0.2658

 97.5885, 0.3912,
0.3218

 0.0000, 1.0000,
0.0000

 125.3086, 0.3848,
0.3227

 0.0000, 0.0000,
0.0000

157.8360, 0.3794,

0.3233

195.5549, 0.3748,
0.3239

■ 17.6428, 0.4520,
0.3118

■ 17.6428, 0.4520,
0.3118

■ 14.8569, 0.4940,
0.3105

■ 21.2590, 0.4148,
0.3144

■ 12.8325, 0.5379,
0.3110

■ 25.7615, 0.3834,
0.3175

■ 11.4947, 0.5789,
0.3138

■ 31.2047, 0.3575,
0.3210

■ 10.7514, 0.6112,
0.3188

■ 37.6377, 0.3366,
0.3243

■ 10.5026, 0.6239,
0.3211

■ 45.1064, 0.3197,
0.3275

■ 53.6538, 0.3060,
0.3305

■ 63.3201, 0.2950,
0.3332

■ 74.1440, 0.2860,
0.3357

■ 86.1620, 0.2787,
0.3379

Harmonies

Analogous

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



17.6428, 0.3771, 0.2584



17.6428, 0.4520, 0.3118



17.6428, 0.4813, 0.3722

Triad

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



17.6428, 0.4520, 0.3118



17.6428, 0.3164, 0.4803



17.6428, 0.1797, 0.2111

Complementary

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



17.6428, 0.4520, 0.3118



40.0170, 0.2511, 0.3494

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.



17.6428, 0.1687, 0.2501



17.6428, 0.4520, 0.3118



17.6428, 0.2405, 0.4173

Square

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



17.6428, 0.4520, 0.3118



17.6428, 0.3956, 0.4788



17.6428, 0.1884, 0.3240



17.6428, 0.2202, 0.2027

Rectangle

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



17.6428, 0.4520, 0.3118



17.6428, 0.4705, 0.4130



17.6428, 0.1884, 0.3240



17.6428, 0.1727, 0.2203

Sweetspot

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



17.6437, 0.4520, 0.3118



66.4401, 0.3393, 0.3239



18.7029, 0.3023, 0.1941



14.0792, 0.3434, 0.3232



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



17.6437, 0.4520, 0.3118



25.9849, 0.5039, 0.3104



24.8518, 0.4403, 0.3808



9.0303, 0.3268, 0.3261



7.0729, 0.6217, 0.3198



0.2554, 0.5675, 0.2900

Inverse Universe

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



17.6437, 0.4520, 0.3118



25.9849, 0.5039, 0.3104



26.7986, 0.2311, 0.2669



9.0303, 0.3268, 0.3261



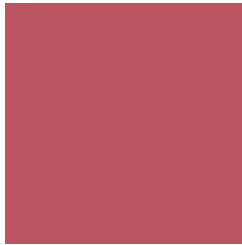
7.0729, 0.6217, 0.3198



0.2554, 0.5675, 0.2900

Previews

White Background



This preview shows how the Yxy color 17.6428, 0.4520, 0.3118 looks on a white background.

Color Contrast Check

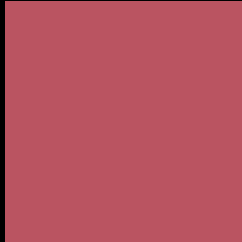
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 17.6428, 0.4520, 0.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

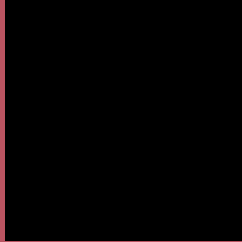
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.6428, 0.4520, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 17.6428, 0.4520, 0.3118.



This preview shows how white text looks on a background with the Yxy color 17.6428, 0.4520, 0.3118.

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

17.6428, 0.4520, 0.3118

Protanopia

17.9306, 0.3201, 0.3348

Deuteranopia

17.6794, 0.3735, 0.3660



Tritanopia

17.6914, 0.4611, 0.3214

Trichromacy



Original Color

17.6428, 0.4520, 0.3118

Protanomaly

17.1152, 0.3644, 0.3238

Deuteranomaly

17.2795, 0.4024, 0.3427

Tritanomaly

17.7264, 0.4579, 0.3186

Monochromacy



Original Color

17.6428, 0.4520, 0.3118

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.6675, 0.3591, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6428, 0.4520, 0.3118 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(186, 84, 97)` looks like.

```
.text, #text, p{  
    color:rgb(186, 84, 97)  
}
```

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(186, 84, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 84, 97) }
```

Border

The CSS property to change the border of an element to Yxy 17.6428, 0.4520, 0.3118 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(186, 84, 97) }
```

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

```
.border{ border-color:rgb(186, 84, 97) }
```

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

Here you see how a box with a 4 pixel rgb(186, 84, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 84, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 84, 97);  
box-shadow:4px 4px 4px 4px rgb(186, 84,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6428, 0.4520, 0.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 84, 97) }
```

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

```
.background{ background-color: rgb(186, 84,  
97) }
```

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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