

Converting Colors

$Y_{xy}(16.9256, 0.4099, 0.2844)$

Have a look what the booklet for
Yxy(16.9256, 0.4099, 0.2844)
contains.

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Color

Yxy(16.9256, 0.4099, 0.2844)

Conversions

Conversions Part 1

Format	Color
Hex	B15473
RGB	177, 84, 115
RGB Percent	69%, 33%, 45%
CMY	0.3059, 0.6705, 0.5491
CMYK	0.00, 0.53, 0.35, 0.31
HSL	340°, 37%, 51%
HSV	340°, 53%, 69%
XYZ	24.3945, 16.9256, 18.1932
YIQ	115.3410, 45.4770, 29.3570

Conversions

Conversions Part 2

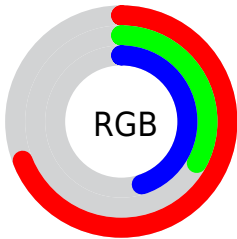
Format	Color
R_{YB}	177, 84, 115
Decimal	11621491
CIE Lab	48.17, 41.17, 0.47
CIE LCh	48, 41.176, 0.660
Yxy	16.9256, 0.4099, 0.2844
Android (android.graphics.Color)	4289811571 (0xFFB15473)
YUV	115.3410, -0.1681, 54.0749
Hunter-Lab	41.1407, 33.8458, 2.5793

Details

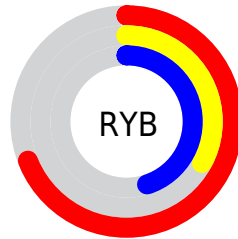
The Yxy color **16.9256, 0.4099, 0.2844** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **35.4046, 0.2650, 0.3818**, and the grayscale version is **17.2442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.0605, 0.3868, 0.2942**, and **5.5032, 0.4528, 0.2647** is the 20% darker color. If you saturate the color by 10%, you get **14.2624, 0.4400, 0.2783**, and if you desaturate by 10%, it is **20.3195, 0.3837, 0.2923**.

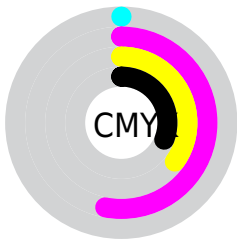
Distribution



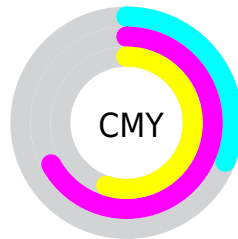
- Red (69%)
- Green (33%)
- Blue (45%)



- Red (69%)
- Yellow (33%)
- Blue (45%)



- Cyan (0%)
- Magenta (53%)
- Yellow (35%)
- Black (31%)




- Cyan (31%)
- Magenta (67%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.9256, 0.4099, 0.2844 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 16.9256, 0.4099, 0.2844 by changing the saturation by 10% instead.


 16.9256, 0.4099,
0.2844


 16.9256, 0.4099,
0.2844


234.7433, 0.3534,
0.3104


 10.1815, 0.4275,
0.2763


 38.1978, 0.3870,
0.2950


 5.5194, 0.4526,
0.2646

 53.4947, 0.3792,
0.2986


 2.5551, 0.4912,
0.2467

 72.4112, 0.3728,
0.3015

 0.9042, 0.5572,
0.2158

 95.3319, 0.3676,
0.3039

 0.0000, 1.0000,
0.0000

 122.6410, 0.3632,
0.3059

 0.0000, 0.0000,
0.0000

154.7230, 0.3594,

0.3077

191.9623, 0.3562,
0.3091

■ 16.9256, 0.4099,
0.2844

■ 16.9256, 0.4099,
0.2844

■ 14.2624, 0.4400,
0.2783

■ 20.3195, 0.3837,
0.2923

■ 12.2727, 0.4732,
0.2750

■ 24.4905, 0.3615,
0.3011

■ 10.8948, 0.5077,
0.2759

■ 29.4843, 0.3431,
0.3100

■ 10.0544, 0.5407,
0.2815

■ 35.3421, 0.3279,
0.3187

■ 9.6618, 0.5634,
0.2877

■ 42.1025, 0.3155,
0.3270

■ 49.8017, 0.3053,
0.3347

■ 58.4739, 0.2970,
0.3418

■ 68.1515, 0.2902,
0.3483

■ 78.8655, 0.2845,
0.3542

Harmonies

Analogous

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



16.9256, 0.3287, 0.2398



16.9256, 0.4099, 0.2844



16.9256, 0.4635, 0.3397

Triad

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



16.9256, 0.4099, 0.2844



16.9256, 0.3585, 0.4780



16.9256, 0.1766, 0.2333

Complementary

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



16.9256, 0.4099, 0.2844



35.4046, 0.2650, 0.3818

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.



16.9256, 0.1819, 0.2887



16.9256, 0.4099, 0.2844



16.9256, 0.2820, 0.4501

Square

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



16.9256, 0.4099, 0.2844



16.9256, 0.4269, 0.4515



16.9256, 0.2179, 0.3719



16.9256, 0.2004, 0.2097

Rectangle

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



16.9256, 0.4099, 0.2844



16.9256, 0.4721, 0.3789



16.9256, 0.2179, 0.3719



16.9256, 0.1751, 0.2480

Sweetspot

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



16.9265, 0.4099, 0.2844



59.1913, 0.3332, 0.3155



15.6279, 0.2801, 0.1906



12.3715, 0.3362, 0.3138



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.



16.9265, 0.4099, 0.2844



24.9191, 0.4450, 0.2775



19.0075, 0.4487, 0.3518



8.5504, 0.3237, 0.3214



7.0109, 0.5606, 0.2862



0.2317, 0.4811, 0.2424

Inverse Universe

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



16.9265, 0.4099, 0.2844



24.9191, 0.4450, 0.2775



30.7241, 0.2409, 0.3030



8.5504, 0.3237, 0.3214



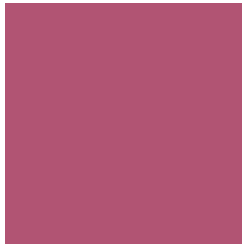
7.0109, 0.5606, 0.2862



0.2317, 0.4811, 0.2424

Previews

White Background



This preview shows how the Yxy color 16.9256, 0.4099, 0.2844 looks on a white background.

Color Contrast Check

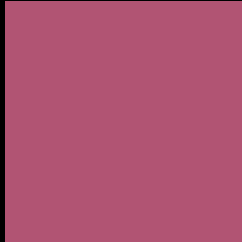
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.9256, 0.4099, 0.2844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

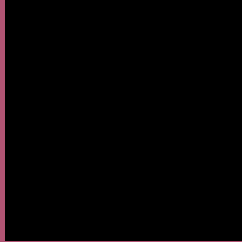
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.9256, 0.4099, 0.2844

Background



This preview shows how black text looks on a background with the Yxy color 16.9256, 0.4099, 0.2844.



This preview shows how white text looks on a background with the Yxy color 16.9256, 0.4099, 0.2844.

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

16.9256, 0.4099, 0.2844

Protanopia

17.1076, 0.2872, 0.2923

Deuteranopia

17.1058, 0.3358, 0.3291



Tritanopia

16.9016, 0.4399, 0.3206

Trichromacy



Original Color

16.9256, 0.4099, 0.2844

Protanomaly

16.3578, 0.3271, 0.2876

Deuteranomaly

16.5882, 0.3630, 0.3099

Tritanomaly

17.0058, 0.4286, 0.3074

Monochromacy



Original Color

16.9256, 0.4099, 0.2844

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.5417, 0.3463, 0.3092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.9256, 0.4099, 0.2844 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(177, 84, 115)` looks like.

```
.text, #text, p{  
    color:rgb(177, 84, 115)  
}
```

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(177, 84, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 84, 115) }
```

Border

The CSS property to change the border of an element to Yxy 16.9256, 0.4099, 0.2844 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(177, 84, 115) }
```

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

```
.border{ border-color:rgb(177, 84, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 84, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 84, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 84, 115);  
box-shadow:4px 4px 4px 4px rgb(177, 84,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 16.9256, 0.4099, 0.2844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 84, 115) }
```

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

```
.background{ background-color: rgb(177, 84,  
115) }
```

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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