

Converting Colors

$Y_{xy}(17.9349, 0.4108, 0.2933)$

Have a look what the booklet for
Yxy(17.9349, 0.4108, 0.2933)
contains.

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Color

Yxy(17.9434, 0.4118, 0.2932)

Conversions

Conversions Part 1

Format	Color
Hex	B35972
RGB	179, 89, 114
RGB Percent	70%, 35%, 45%
CMY	0.2980, 0.6510, 0.5530
CMYK	0.00, 0.50, 0.36, 0.30
HSL	343°, 37%, 53%
HSV	343°, 50%, 70%
XYZ	25.2015, 17.9434, 18.0536
YIQ	118.7600, 45.6150, 26.8550

Conversions

Conversions Part 2

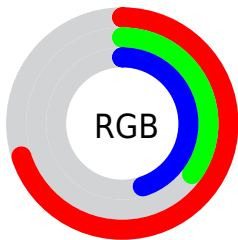
Format	Color
R _Y B	179, 89, 114
Decimal	11753842
CIE Lab	49.43, 39.20, 2.93
CIE LCh	49, 39.313, 4.276
Yxy	17.9434, 0.4118, 0.2932
Android (android.graphics.Color)	4289943922 (0xFFB35972)
YUV	118.7600, -2.3467, 52.8305
Hunter-Lab	42.3597, 32.0678, 4.3825

Details

The Yxy color **17.9434, 0.4118, 0.2932** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **36.7014, 0.2632, 0.3705**, and the grayscale version is **18.3651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.8075, 0.3883, 0.3011**, and **5.9905, 0.4552, 0.2770** is the 20% darker color. If you saturate the color by 10%, you get **15.0447, 0.4440, 0.2879**, and if you desaturate by 10%, it is **21.6098, 0.3840, 0.3000**.

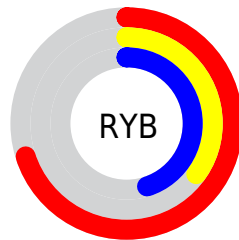
Distribution



Red (70%)

Green (35%)

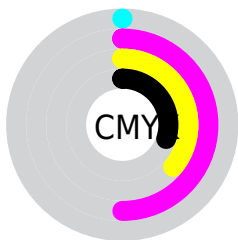
Blue (45%)



Red (70%)

Yellow (35%)

Blue (45%)

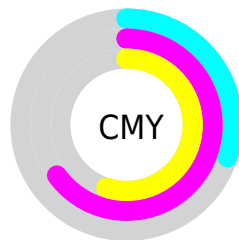


Cyan (0%)

Magenta (50%)

Yellow (36%)

Black (30%)



Cyan (30%)

Magenta (65%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9434, 0.4118, 0.2932 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 17.9434, 0.4118, 0.2932 by changing the saturation by 10% instead.


 17.9434, 0.4118,
0.2932


 17.9434, 0.4118,
0.2932


240.5518, 0.3544,
0.3144

 10.9094, 0.4295,
0.2864


 39.9409, 0.3887,
0.3019

 6.0059, 0.4547,
0.2767

 55.6731, 0.3807,
0.3048

 2.8487, 0.4931,
0.2614

 75.0734, 0.3742,
0.3072

 1.0532, 0.5580,
0.2346

 98.5264, 0.3689,
0.3091

 0.0000, 1.0000,
0.0000

126.4163, 0.3644,
0.3108

 0.0000, 0.0000,
0.0000

159.1276, 0.3606,

0.3122

197.0446, 0.3573,
0.3134

■ 17.9434, 0.4118,
0.2932

■ 17.9434, 0.4118,
0.2932

■ 15.0447, 0.4440,
0.2879

■ 21.6098, 0.3840,
0.3000

■ 12.8559, 0.4799,
0.2850

■ 26.0910, 0.3607,
0.3073

■ 11.3153, 0.5172,
0.2858

■ 31.4333, 0.3415,
0.3148

■ 10.3490, 0.5530,
0.2908

■ 37.6788, 0.3258,
0.3220

■ 9.8127, 0.5834,
0.2988

■ 44.8669, 0.3130,
0.3288

■ 53.0346, 0.3026,
0.3351

■ 62.2169, 0.2941,
0.3409

■ 72.4470, 0.2871,
0.3462

■ 83.7567, 0.2813,
0.3509

Harmonies

Analogous

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



17.9434, 0.3374, 0.2490



17.9434, 0.4118, 0.2932



17.9434, 0.4572, 0.3468

Triad

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



17.9434, 0.4118, 0.2932



17.9434, 0.3481, 0.4680



17.9434, 0.1851, 0.2348

Complementary

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



17.9434, 0.4118, 0.2932



36.7014, 0.2632, 0.3705

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.



17.9434, 0.1869, 0.2839



17.9434, 0.4118, 0.2932



17.9434, 0.2761, 0.4346

Square

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



17.9434, 0.4118, 0.2932



17.9434, 0.4143, 0.4497



17.9434, 0.2180, 0.3594



17.9434, 0.2111, 0.2153

Rectangle

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



17.9434, 0.4118, 0.2932



17.9434, 0.4617, 0.3841



17.9434, 0.2180, 0.3594



17.9434, 0.1826, 0.2478

Sweetspot

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



17.9443, 0.4118, 0.2932



61.7075, 0.3332, 0.3185



17.2214, 0.2873, 0.1983



13.1627, 0.3366, 0.3170



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



17.9443, 0.4118, 0.2932



26.6132, 0.4465, 0.2876



21.1373, 0.4366, 0.3575



8.5428, 0.3245, 0.3227



6.9430, 0.5804, 0.2971



0.2286, 0.4999, 0.2528

Inverse Universe

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



17.9443, 0.4118, 0.2932



26.6132, 0.4465, 0.2876



30.3500, 0.2419, 0.2967



8.5428, 0.3245, 0.3227



6.9430, 0.5804, 0.2971



0.2286, 0.4999, 0.2528

Previews

White Background



This preview shows how the Yxy color 17.9434, 0.4118, 0.2932 looks on a white background.

Color Contrast Check

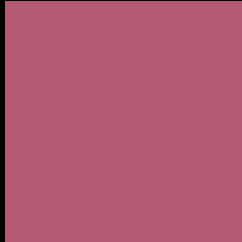
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9434, 0.4118, 0.2932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

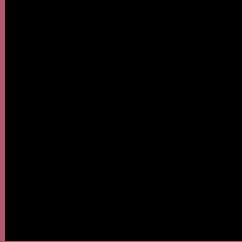
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.9434, 0.4118, 0.2932

Background



This preview shows how black text looks on a background with the Yxy color 17.9434, 0.4118, 0.2932.



This preview shows how white text looks on a background with the Yxy color 17.9434, 0.4118, 0.2932.

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

17.9434, 0.4118, 0.2932

Protanopia

18.0473, 0.2966, 0.3043

Deuteranopia

18.0660, 0.3418, 0.3365



Tritanopia

18.0011, 0.4345, 0.3207

Trichromacy



Original Color

17.9434, 0.4118, 0.2932

Protanomaly

17.4596, 0.3346, 0.2989

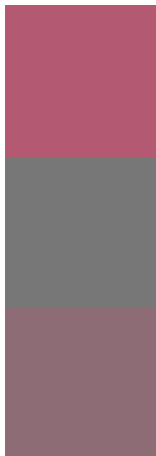
Deuteranomaly

17.6404, 0.3672, 0.3188

Tritanomaly

17.9466, 0.4255, 0.3104

Monochromacy



Original Color

17.9434, 0.4118, 0.2932

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.6722, 0.3465, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9434, 0.4118, 0.2932 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(179, 89, 114)` looks like.

```
.text, #text, p{  
    color:rgb(179, 89, 114)  
}
```

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(179, 89, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 89, 114) }
```

Border

The CSS property to change the border of an element to Yxy 17.9434, 0.4118, 0.2932 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(179, 89, 114) }
```

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

```
.border{ border-color:rgb(179, 89, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 89, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 89, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 89, 114);  
box-shadow:4px 4px 4px 4px rgb(179, 89,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9434, 0.4118, 0.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 89, 114) }
```

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

```
.background{ background-color: rgb(179, 89,  
114) }
```

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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