

Converting Colors

$Y_{xy}(28.4829, 0.3658, 0.3019)$

Have a look what the booklet for
Yxy(28.4829, 0.3658, 0.3019)
contains.

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Color

Yxy(28.4918, 0.3666, 0.3019)

Conversions

Conversions Part 1

Format	Color
Hex	C07F93
RGB	192, 127, 147
RGB Percent	75%, 50%, 58%
CMY	0.2470, 0.5020, 0.4235
CMYK	0.00, 0.34, 0.23, 0.25
HSL	342°, 34%, 63%
HSV	342°, 34%, 75%
XYZ	34.5979, 28.4918, 31.2853
YIQ	148.7150, 32.3200, 20.0000

Conversions

Conversions Part 2

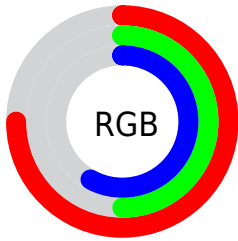
Format	Color
RYB	192, 127, 147
Decimal	12615571
CIELab	60.33, 27.99, -0.37
CIElCh	60, 27.996, 359.242
Yxy	28.4918, 0.3666, 0.3019
Android (android.graphics.Color)	4290805651 (0xFFC07F93)
YUV	148.7150, -0.8455, 37.9609
Hunter-Lab	53.3777, 22.2874, 2.6138

Details

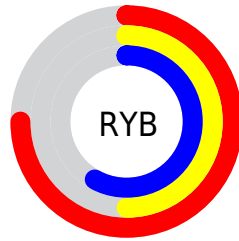
The Yxy color **28.4918, 0.3666, 0.3019** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.1964, 0.2778, 0.3583**, and the grayscale version is **29.9234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.1836, 0.3559, 0.3070**, and **11.4892, 0.3845, 0.2920** is the 20% darker color. If you saturate the color by 10%, you get **23.6038, 0.3905, 0.2938**, and if you desaturate by 10%, it is **34.3758, 0.3468, 0.3102**.

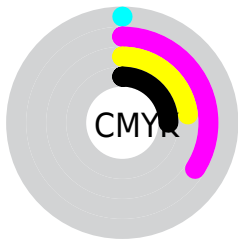
Distribution



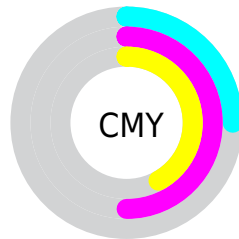
- Red (75%)
- Green (50%)
- Blue (58%)



- Red (75%)
- Yellow (50%)
- Blue (58%)



- Cyan (0%)
- Magenta (34%)
- Yellow (23%)
- Black (25%)




- Cyan (25%)
- Magenta (50%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4918, 0.3666, 0.3019 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 28.4918, 0.3666, 0.3019 by changing the saturation by 10% instead.


 28.4918, 0.3666,
0.3019


 28.4918, 0.3666,
0.3019


294.8095, 0.3375,
0.3165

 18.6967, 0.3747,
0.2979


 57.2687, 0.3555,
0.3075

 11.4513, 0.3856,
0.2924


 77.0192, 0.3514,
0.3095

 6.3713, 0.4010,
0.2847


 100.8571, 0.3481,
0.3112

 3.0721, 0.4248,
0.2729

129.1666, 0.3453,
0.3126

 1.1695, 0.4654,
0.2527

162.3323, 0.3429,
0.3138

 0.0366, 0.8753,
0.0446

200.7384, 0.3409,

 0.0000, 0.0000,

0.3148

0.0000

244.7693, 0.3391,
0.3157

■ 28.4918, 0.3666,
0.3019

■ 28.4918, 0.3666,
0.3019

■ 23.6038, 0.3905,
0.2938

■ 34.3758, 0.3468,
0.3102

■ 19.6523, 0.4187,
0.2867

■ 41.3030, 0.3305,
0.3184

■ 16.5776, 0.4510,
0.2815


■ 49.3223, 0.3172,
0.3261

■ 14.3115, 0.4862,
0.2794


■ 58.4783, 0.3063,
0.3334

■ 12.7755, 0.5221,
0.2814


■ 68.8134, 0.2975,
0.3400


 11.8749, 0.5556,
0.2882

 80.3673, 0.2902,
0.3461

 11.5256, 0.5741,
0.2936

 89.0223, 0.2838,
0.3450

 89.8416, 0.2771,
0.3307

 89.9486, 0.2763,
0.3289

Harmonies

Analogous

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



28.4918, 0.3210, 0.2733



28.4918, 0.3666, 0.3019



28.4918, 0.3978, 0.3376

Triad

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



28.4918, 0.3666, 0.3019



28.4918, 0.3451, 0.4124



28.4918, 0.2289, 0.2752

Complementary

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



28.4918, 0.3666, 0.3019



45.1964, 0.2778, 0.3583

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.



28.4918, 0.2343, 0.3107



28.4918, 0.3666, 0.3019



28.4918, 0.2994, 0.3956

Square

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



28.4918, 0.3666, 0.3019



28.4918, 0.3838, 0.4024



28.4918, 0.2593, 0.3562



28.4918, 0.2436, 0.2571

Rectangle

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



28.4918, 0.3666, 0.3019



28.4918, 0.4049, 0.3622



28.4918, 0.2593, 0.3562



28.4918, 0.2284, 0.2853

Sweetspot

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



28.4931, 0.3666, 0.3019



79.9679, 0.3252, 0.3213



27.6899, 0.2953, 0.2405



16.7266, 0.3272, 0.3202



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.



28.4931, 0.3666, 0.3019



44.5645, 0.3849, 0.2956



31.1816, 0.3856, 0.3456



10.1278, 0.3242, 0.3219



7.7664, 0.5708, 0.2918



0.3482, 0.5058, 0.2560

Inverse Universe

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



28.4931, 0.3666, 0.3019



44.5645, 0.3849, 0.2956



40.9993, 0.2630, 0.3116



10.1278, 0.3242, 0.3219



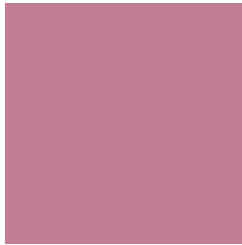
7.7664, 0.5708, 0.2918



0.3482, 0.5058, 0.2560

Previews

White Background



This preview shows how the Yxy color 28.4918, 0.3666, 0.3019 looks on a white background.

Color Contrast Check

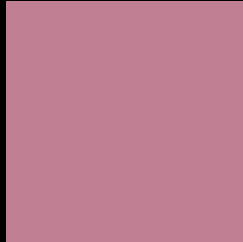
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4918, 0.3666, 0.3019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

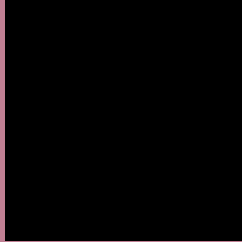
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4918, 0.3666, 0.3019

Background



This preview shows how black text looks on a background with the Yxy color 28.4918, 0.3666, 0.3019.



This preview shows how white text looks on a background with the Yxy color 28.4918, 0.3666, 0.3019.

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

28.4918, 0.3666, 0.3019

Protanopia

28.7392, 0.3004, 0.3086

Deuteranopia

28.5370, 0.3304, 0.3244



Tritanopia

28.3497, 0.3760, 0.3154

Trichromacy



Original Color

28.4918, 0.3666, 0.3019

Protanomaly

28.1914, 0.3226, 0.3049

Deuteranomaly

28.4233, 0.3437, 0.3158

Tritanomaly

28.4378, 0.3723, 0.3113

Monochromacy



Original Color

28.4918, 0.3666, 0.3019

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.1872, 0.3317, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4918, 0.3666, 0.3019 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(192, 127, 147)` looks like.

```
.text, #text, p{  
    color:rgb(192, 127, 147)  
}
```

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(192, 127, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 127, 147) }
```

Border

The CSS property to change the border of an element to Yxy 28.4918, 0.3666, 0.3019 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(192, 127, 147) }
```

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

```
.border{ border-color:rgb(192, 127, 147) }
```

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

Here you see how a box with a 4 pixel rgb(192, 127, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 127, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 127, 147);  
box-shadow:4px 4px 4px 4px rgb(192, 127,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4918, 0.3666, 0.3019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 127, 147) }
```

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

```
.background{ background-color: rgb(192,  
127, 147) }
```

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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