

Converting Colors

$Y_{xy}(28.6561, 0.3824, 0.3118)$

Have a look what the booklet for
Yxy(28.6561, 0.3824, 0.3118)
contains.

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Color

Yxy(28.6561, 0.3824, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	C57E8B
RGB	197, 126, 139
RGB Percent	77%, 49%, 55%
CMY	0.2275, 0.5058, 0.4549
CMYK	0.00, 0.36, 0.29, 0.23
HSL	349°, 38%, 63%
HSV	349°, 36%, 77%
XYZ	35.1446, 28.6561, 28.1047
YIQ	148.7110, 38.1430, 19.0950

Conversions

Conversions Part 2

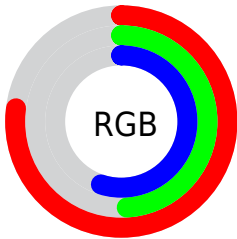
Format	Color
R_{YB}	197, 126, 139
Decimal	12942987
CIE _{Lab}	60.48, 29.23, 4.52
CIE _{LCh}	60, 29.580, 8.781
Yxy	28.6561, 0.3824, 0.3118
Android (android.graphics.Color)	4291133067 (0xFFC57E8B)
YUV	148.7110, -4.7875, 42.3495
Hunter-Lab	53.5314, 23.5095, 6.3440

Details

The Yxy color **28.6561, 0.3824, 0.3118** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.8243, 0.2704, 0.3474**, and the grayscale version is **29.9365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.3060, 0.3683, 0.3156**, and **11.5529, 0.4067, 0.3057** is the 20% darker color. If you saturate the color by 10%, you get **23.6691, 0.4124, 0.3072**, and if you desaturate by 10%, it is **34.7070, 0.3576, 0.3167**.

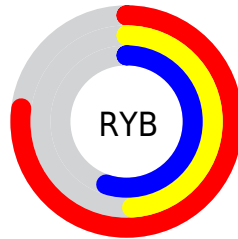
Distribution



Red (77%)

Green (49%)

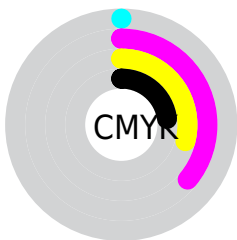
Blue (55%)



Red (77%)

Yellow (49%)

Blue (55%)

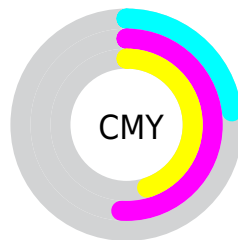


Cyan (0%)

Magenta (36%)

Yellow (29%)

Black (23%)



Cyan (23%)


Magenta (51%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6561, 0.3824, 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 28.6561, 0.3824, 0.3118 by changing the saturation by 10% instead.


 28.6561, 0.3824,
0.3118


 28.6561, 0.3824,
0.3118


295.5889, 0.3445,
0.3216

 18.8208, 0.3930,
0.3089


 57.5302, 0.3679,
0.3157

 11.5409, 0.4072,
0.3049


 77.3379, 0.3626,
0.3170

 6.4319, 0.4276,
0.2989


 101.2385, 0.3583,
0.3181

 3.1094, 0.4587,
0.2893

129.6164, 0.3547,
0.3191

 1.1891, 0.5119,
0.2717

162.8559, 0.3516,
0.3198

 0.0528, 0.9353,
0.0647

201.3416, 0.3489,

 0.0000, 0.0000,

0.3205

0.0000

245.4578, 0.3466,
0.3211

■ 28.6561, 0.3824,
0.3118

■ 28.6561, 0.3824,
0.3118

■ 23.6691, 0.4124,
0.3072

■ 34.7070, 0.3576,
0.3167

■ 19.6803, 0.4479,
0.3035

■ 41.8743, 0.3374,
0.3217

■ 16.6234, 0.4878,
0.3014


■ 50.2118, 0.3210,
0.3263

■ 14.4220, 0.5298,
0.3019

■ 59.7688, 0.3078,
0.3307

■ 12.9874, 0.5696,
0.3056

■ 70.5915, 0.2971,
0.3347

 12.2088, 0.6020,
0.3123

 82.7240, 0.2884,
0.3383

 11.9964, 0.6127,
0.3149

 90.3953, 0.2806,
0.3324

 90.6087, 0.2789,
0.3289

Harmonies

Analogous

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



28.6561, 0.3373, 0.2789



28.6561, 0.3824, 0.3118



28.6561, 0.4077, 0.3502

Triad

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



28.6561, 0.3824, 0.3118



28.6561, 0.3315, 0.4148



28.6561, 0.2274, 0.2642

Complementary

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



28.6561, 0.3824, 0.3118



47.8243, 0.2704, 0.3474

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.



28.6561, 0.2262, 0.2959



28.6561, 0.3824, 0.3118



28.6561, 0.2839, 0.3882

Square

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



28.6561, 0.3824, 0.3118



28.6561, 0.3760, 0.4123



28.6561, 0.2460, 0.3420



28.6561, 0.2490, 0.2515

Rectangle

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



28.6561, 0.3824, 0.3118



28.6561, 0.4089, 0.3754



28.6561, 0.2460, 0.3420



28.6561, 0.2247, 0.2727

Sweetspot

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



28.6575, 0.3824, 0.3118



82.0017, 0.3290, 0.3240



29.1427, 0.3035, 0.2371



17.1170, 0.3313, 0.3233



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



28.6575, 0.3824, 0.3118



44.3497, 0.4048, 0.3082



34.7084, 0.3876, 0.3592



10.6681, 0.3261, 0.3248



7.9007, 0.6099, 0.3134



0.3840, 0.5540, 0.2826

Inverse Universe

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



28.6575, 0.3824, 0.3118



44.3497, 0.4048, 0.3082



38.9376, 0.2581, 0.2963



10.6681, 0.3261, 0.3248



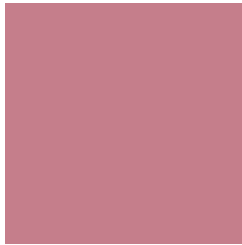
7.9007, 0.6099, 0.3134



0.3840, 0.5540, 0.2826

Previews

White Background



This preview shows how the Yxy color 28.6561, 0.3824, 0.3118 looks on a white background.

Color Contrast Check

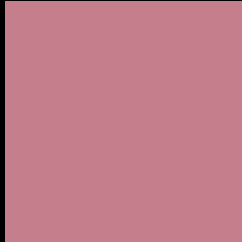
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6561, 0.3824, 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 28.6561, 0.3824, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 28.6561, 0.3824, 0.3118.



This preview shows how white text looks on a background with the Yxy color 28.6561, 0.3824, 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

28.6561, 0.3824, 0.3118

Protanopia

28.7487, 0.3110, 0.3211

Deuteranopia

28.7198, 0.3433, 0.3367



Tritanopia

28.8266, 0.3857, 0.3171

Trichromacy



Original Color

28.6561, 0.3824, 0.3118

Protanomaly

28.3593, 0.3354, 0.3170

Deuteranomaly

28.6446, 0.3572, 0.3277

Tritanomaly

28.8552, 0.3845, 0.3158

Monochromacy



Original Color

28.6561, 0.3824, 0.3118

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.2011, 0.3359, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6561, 0.3824, 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(197, 126, 139)` looks like.

```
.text, #text, p{  
    color:rgb(197, 126, 139)  
}
```

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(197, 126, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 126, 139) }
```

Border

The CSS property to change the border of an element to Yxy 28.6561, 0.3824, 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(197, 126, 139) }
```

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

```
.border{ border-color:rgb(197, 126, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 126, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 126, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 126, 139);  
box-shadow:4px 4px 4px 4px rgb(197, 126,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6561, 0.3824, 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(197, 126, 139) }
```

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

```
.background{ background-color: rgb(197,  
126, 139) }
```

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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