

Converting Colors

$Y_{xy}(33.5829, 0.3587, 0.3119)$

Have a look what the booklet for
Yxy(33.5829, 0.3587, 0.3119)
contains.

Yxy(33.5829, 0.3587, 0.3119)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.5829, 0.3587, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	C58E9B
RGB	197, 142, 155
RGB Percent	77%, 56%, 61%
CMY	0.2273, 0.4432, 0.3921
CMYK	0.00, 0.28, 0.21, 0.23
HSL	346°, 32%, 66%
HSV	346°, 28%, 77%
XYZ	38.6220, 33.5829, 35.4672
YIQ	159.9270, 28.6070, 15.7030

Conversions

Conversions Part 2

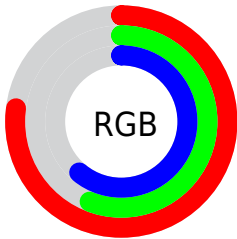
Format	Color
RYB	197, 142, 155
Decimal	12947099
CIELab	64.63, 22.80, 1.41
CIELCh	65, 22.841, 3.531
Yxy	33.5829, 0.3587, 0.3119
Android (android.graphics.Color)	4291137179 (0xFFC58E9B)
YUV	159.9270, -2.4290, 32.5130
Hunter-Lab	57.9508, 17.5496, 4.2787

Details

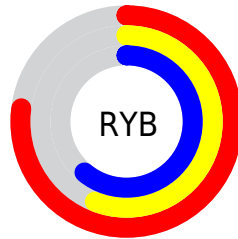
The Yxy color **33.5829, 0.3587, 0.3119** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.1548, 0.2808, 0.3470**, and the grayscale version is **35.1218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1541, 0.3495, 0.3157**, and **14.2324, 0.3736, 0.3057** is the 20% darker color. If you saturate the color by 10%, you get **27.7569, 0.3826, 0.3055**, and if you desaturate by 10%, it is **40.5112, 0.3391, 0.3183**.

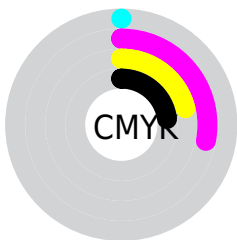
Distribution



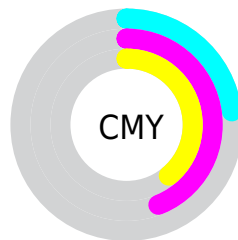
- Red (77%)
- Green (56%)
- Blue (61%)



- Red (77%)
- Yellow (56%)
- Blue (61%)



- Cyan (0%)
- Magenta (28%)
- Yellow (21%)
- Black (23%)




- Cyan (23%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5829, 0.3587, 0.3119 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 33.5829, 0.3587, 0.3119 by changing the saturation by 10% instead.


 33.5829, 0.3587,
0.3119

 33.5829, 0.3587,
0.3119


318.2682, 0.3344,
0.3210

 22.5734, 0.3652,
0.3094


 65.2845, 0.3495,
0.3154

 14.2788, 0.3739,
0.3061


 86.7454, 0.3462,
0.3166

 8.3148, 0.3860,
0.3014


 112.4588, 0.3434,
0.3177

 4.2971, 0.4040,
0.2944

142.8092, 0.3411,
0.3186

 1.8411, 0.4334,
0.2827

178.1809, 0.3390,
0.3193

 0.5126, 0.5216,
0.2522


218.9584, 0.3373,


 0.0000, 0.0000,


0.3200


0.0000


265.5260, 0.3358,
0.3205


 33.5829, 0.3587,
0.3119


 33.5829, 0.3587,
0.3119


 27.7569, 0.3826,
0.3055


 40.5112, 0.3391,
0.3183


 22.9715, 0.4114,
0.2996


 48.5898, 0.3232,
0.3244


 19.1664, 0.4451,
0.2949

 57.8695, 0.3103,
0.3302

 16.2729, 0.4828,
0.2923

 68.3969, 0.2998,
0.3354

 14.2134, 0.5224,
0.2928

 80.2159, 0.2912,
0.3403

■ 12.8973, 0.5602,
0.2973

■ 90.0013, 0.2839,
0.3392

■ 12.1906, 0.5921,
0.3052

■ 90.6139, 0.2789,
0.3289

■ 12.0764, 0.5981,
0.3068

Harmonies

Analogous

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



33.5829, 0.3248, 0.2878



33.5829, 0.3587, 0.3119



33.5829, 0.3802, 0.3408

Triad

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



33.5829, 0.3587, 0.3119



33.5829, 0.3335, 0.3921



33.5829, 0.2475, 0.2847

Complementary

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



33.5829, 0.3587, 0.3119



49.1548, 0.2808, 0.3470

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.



33.5829, 0.2496, 0.3110



33.5829, 0.3587, 0.3119



33.5829, 0.2980, 0.3761

Square

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



33.5829, 0.3587, 0.3119



33.5829, 0.3646, 0.3883



33.5829, 0.2676, 0.3451



33.5829, 0.2615, 0.2718

Rectangle

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



33.5829, 0.3587, 0.3119



33.5829, 0.3838, 0.3600



33.5829, 0.2676, 0.3451



33.5829, 0.2464, 0.2921

Sweetspot

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



33.5845, 0.3587, 0.3119



86.7054, 0.3235, 0.3243



33.4757, 0.3025, 0.2574



18.0576, 0.3257, 0.3234



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.



33.5845, 0.3587, 0.3119



53.0430, 0.3739, 0.3077



37.5195, 0.3681, 0.3474



10.6774, 0.3253, 0.3235



7.9518, 0.5949, 0.3051



0.3882, 0.5342, 0.2716

Inverse Universe

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



33.5845, 0.3587, 0.3119



53.0430, 0.3739, 0.3077



43.7598, 0.2706, 0.3098



10.6774, 0.3253, 0.3235



7.9518, 0.5949, 0.3051



0.3882, 0.5342, 0.2716

Previews

White Background



This preview shows how the Yxy color 33.5829, 0.3587, 0.3119 looks on a white background.

Color Contrast Check

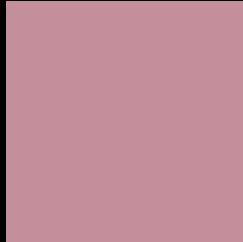
Large Text (above 18pt) WCAG AA × Fail

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 33.5829, 0.3587, 0.3119 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 ✓ Pass

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

Yxy 33.5829, 0.3587, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 33.5829, 0.3587, 0.3119.



This preview shows how white text looks on a background with the Yxy color 33.5829, 0.3587, 0.3119.

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

33.5829, 0.3587, 0.3119

Protanopia

33.6904, 0.3083, 0.3187

Deuteranopia

33.7551, 0.3342, 0.3276



Tritanopia

33.5162, 0.3609, 0.3146

Trichromacy



Original Color

33.5829, 0.3587, 0.3119

Protanomaly

33.4419, 0.3255, 0.3162

Deuteranomaly

33.4580, 0.3424, 0.3207

Tritanomaly

33.5494, 0.3598, 0.3133

Monochromacy



Original Color

33.5829, 0.3587, 0.3119

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.1353, 0.3282, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5829, 0.3587, 0.3119 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, 142, 155)` looks like.

```
.text, #text, p{  
    color:rgb(197, 142, 155)  
}
```

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, 142, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 142, 155) }
```

Border

The CSS property to change the border of an element to Yxy 33.5829, 0.3587, 0.3119 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, 142, 155) }
```

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

```
.border{ border-color:rgb(197, 142, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 142, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 142, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 142, 155);  
box-shadow:4px 4px 4px 4px rgb(197, 142,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5829, 0.3587, 0.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 142, 155) }
```

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

```
.background{ background-color: rgb(197,  
142, 155) }
```

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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