

Converting Colors

$Yxy(34.0518, 0.3518, 0.3092)$

Have a look what the booklet for
Yxy(34.0518, 0.3518, 0.3092)
contains.

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Color

Yxy(34.0518, 0.3518, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	C3909F
RGB	195, 144, 159
RGB Percent	76%, 56%, 62%
CMY	0.2352, 0.4353, 0.3764
CMYK	0.00, 0.26, 0.18, 0.24
HSL	342°, 30%, 66%
HSV	342°, 26%, 76%
XYZ	38.7433, 34.0518, 37.3336
YIQ	160.9590, 25.5810, 15.4770

Conversions

Conversions Part 2

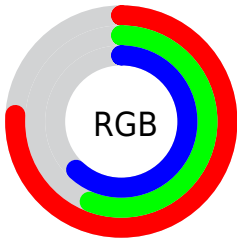
Format	Color
RYB	195, 144, 159
Decimal	12816543
CIELab	65.00, 21.57, -0.32
CIELCh	65, 21.577, 359.145
Yxy	34.0518, 0.3518, 0.3092
Android (android.graphics.Color)	4291006623 (0xFFC3909F)
YUV	160.9590, -0.9658, 29.8540
Hunter-Lab	58.3539, 16.3933, 2.9152

Details

The Yxy color **34.0518, 0.3518, 0.3092** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.2690, 0.2846, 0.3499**, and the grayscale version is **35.6178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.9387, 0.3436, 0.3126**, and **14.4869, 0.3633, 0.3019** is the 20% darker color. If you saturate the color by 10%, you get **28.1958, 0.3730, 0.3013**, and if you desaturate by 10%, it is **40.9847, 0.3344, 0.3171**.

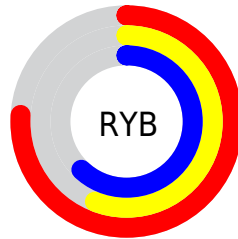
Distribution



Red (76%)

Green (56%)

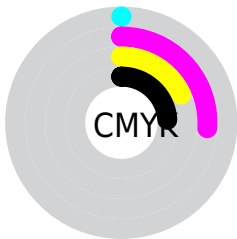
Blue (62%)



Red (76%)

Yellow (56%)

Blue (62%)

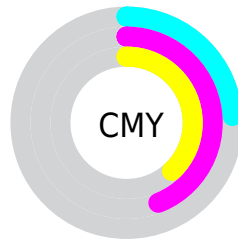


Cyan (0%)

Magenta (26%)

Yellow (18%)

Black (24%)



Cyan (24%)


Magenta (44%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.0518, 0.3518, 0.3092 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 34.0518, 0.3518, 0.3092 by changing the saturation by 10% instead.


 34.0518, 0.3518,
0.3092


 34.0518, 0.3518,
0.3092


320.3630, 0.3312,
0.3196

 22.9334, 0.3573,
0.3064


 66.0142, 0.3441,
0.3131

 14.5443, 0.3646,
0.3028


 87.6270, 0.3413,
0.3145

 8.5002, 0.3747,
0.2977


113.5067, 0.3389,
0.3157

 4.4167, 0.3896,
0.2901

144.0378, 0.3369,
0.3167

 1.9093, 0.4139,
0.2780

179.6045, 0.3352,
0.3176

 0.5539, 0.4760,
0.2461

220.5914, 0.3337,

 0.0000, 1.0000,

0.3184

0.0000

267.3827, 0.3324,
0.3190

0.0000, 0.0000,
0.0000

34.0518, 0.3518,
0.3092

34.0518, 0.3518,
0.3092

28.1958, 0.3730,
0.3013

40.9847, 0.3344,
0.3171

23.3578, 0.3985,
0.2937

49.0401, 0.3201,
0.3246

19.4804, 0.4284,
0.2873

58.2668, 0.3086,
0.3316

16.4985, 0.4624,
0.2830

68.7092, 0.2991,
0.3381

14.3388, 0.4988,
0.2820

80.4094, 0.2914,
0.3440

■ 12.9164, 0.5351,
0.2853

■ 89.5132, 0.2847,
0.3432

■ 12.1234, 0.5678,
0.2931

■ 90.3464, 0.2779,
0.3289

■ 11.9055, 0.5792,
0.2965

Harmonies

Analogous

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



34.0518, 0.3191, 0.2875



34.0518, 0.3518, 0.3092



34.0518, 0.3742, 0.3363

Triad

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



34.0518, 0.3518, 0.3092



34.0518, 0.3372, 0.3888



34.0518, 0.2505, 0.2903

Complementary

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



34.0518, 0.3518, 0.3092



48.2690, 0.2846, 0.3499

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.



34.0518, 0.2548, 0.3166



34.0518, 0.3518, 0.3092



34.0518, 0.3038, 0.3764

Square

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



34.0518, 0.3518, 0.3092



34.0518, 0.3650, 0.3830



34.0518, 0.2739, 0.3489



34.0518, 0.2616, 0.2760

Rectangle

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



34.0518, 0.3518, 0.3092



34.0518, 0.3795, 0.3546



34.0518, 0.2739, 0.3489



34.0518, 0.2502, 0.2979

Sweetspot

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



34.0534, 0.3518, 0.3092



84.8204, 0.3227, 0.3232



33.5548, 0.3009, 0.2617



18.0750, 0.3248, 0.3220



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.



34.0534, 0.3518, 0.3092



55.1663, 0.3626, 0.3050



36.7965, 0.3645, 0.3428



10.1256, 0.3244, 0.3222



7.7481, 0.5757, 0.2945



0.3472, 0.5102, 0.2584

Inverse Universe

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



34.0534, 0.3518, 0.3092



55.1663, 0.3626, 0.3050



44.4942, 0.2735, 0.3148



10.1256, 0.3244, 0.3222



7.7481, 0.5757, 0.2945



0.3472, 0.5102, 0.2584

Previews

White Background



This preview shows how the Yxy color 34.0518, 0.3518, 0.3092 looks on a white background.

Color Contrast Check

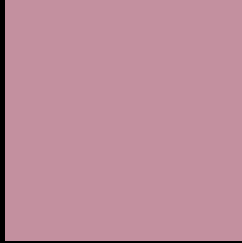
Large Text (above 18pt) WCAG AA × Fail

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 34.0518, 0.3518, 0.3092 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 34.0518, 0.3518, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 34.0518, 0.3518, 0.3092.



This preview shows how white text looks on a background with the Yxy color 34.0518, 0.3518, 0.3092.

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

34.0518, 0.3518, 0.3092

Protanopia

34.1731, 0.3048, 0.3143

Deuteranopia

34.1010, 0.3291, 0.3233



Tritanopia

34.2532, 0.3547, 0.3145

Trichromacy



Original Color

34.0518, 0.3518, 0.3092

Protanomaly

33.7947, 0.3205, 0.3120

Deuteranomaly

34.1051, 0.3369, 0.3180

Tritanomaly

34.2872, 0.3536, 0.3132

Monochromacy



Original Color

34.0518, 0.3518, 0.3092

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.8650, 0.3260, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0518, 0.3518, 0.3092 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(195, 144, 159)` looks like.

```
.text, #text, p{  
    color:rgb(195, 144, 159)  
}
```

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(195, 144, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 144, 159) }
```

Border

The CSS property to change the border of an element to Yxy 34.0518, 0.3518, 0.3092 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(195, 144, 159) }
```

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

```
.border{ border-color:rgb(195, 144, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 144, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 144, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 144, 159);  
box-shadow:4px 4px 4px 4px rgb(195, 144,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0518, 0.3518, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 144, 159) }
```

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

```
.background{ background-color: rgb(195,  
144, 159) }
```

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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