

Converting Colors

$Y_{xy}(40.9479, 0.3492, 0.3190)$

Have a look what the booklet for
Yxy(40.9479, 0.3492, 0.3190)
contains.

Yxy(40.9479, 0.3492, 0.3190)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.9479, 0.3492, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	CDA0A8
RGB	205, 160, 168
RGB Percent	80%, 63%, 66%
CMY	0.1959, 0.3726, 0.3411
CMYK	0.00, 0.22, 0.18, 0.20
HSL	349°, 31%, 72%
HSV	349°, 22%, 80%
XYZ	44.8245, 40.9479, 42.5910
YIQ	174.3670, 24.2520, 12.0280

Conversions

Conversions Part 2

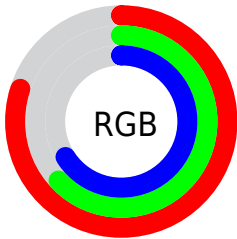
Format	Color
RYB	205, 160, 168
Decimal	13476008
CIELab	70.14, 17.90, 2.25
CIELCh	70, 18.041, 7.159
Yxy	40.9479, 0.3492, 0.3190
Android (android.graphics.Color)	4291666088 (0xFFCDA0A8)
YUV	174.3670, -3.1389, 26.8651
Hunter-Lab	63.9905, 13.0533, 5.3310

Details

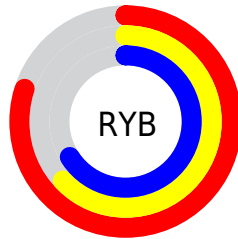
The Yxy color **40.9479, 0.3492, 0.3190** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.1868, 0.2854, 0.3393**, and the grayscale version is **42.5356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1886, 0.3367, 0.3210**, and **18.4701, 0.3603, 0.3155** is the 20% darker color. If you saturate the color by 10%, you get **33.8300, 0.3723, 0.3142**, and if you desaturate by 10%, it is **49.3233, 0.3305, 0.3237**.

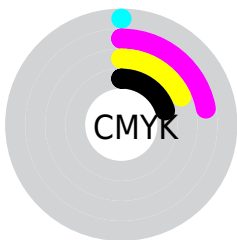
Distribution



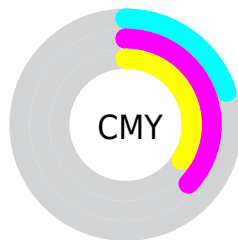
- Red (80%)
- Green (63%)
- Blue (66%)



- Red (80%)
- Yellow (63%)
- Blue (66%)



- Cyan (0%)
- Magenta (22%)
- Yellow (18%)
- Black (20%)





- Cyan (20%)
- Magenta (37%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.9479, 0.3492, 0.3190 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 40.9479, 0.3492, 0.3190 by changing the saturation by 10% instead.


 40.9479, 0.3492,
0.3190


 40.9479, 0.3492,
0.3190


350.1028, 0.3305,
0.3242

 28.2784, 0.3540,
0.3176


 76.6048, 0.3423,
0.3210

 18.5356, 0.3603,
0.3158


 100.3610, 0.3397,
0.3217

 11.3352, 0.3688,
0.3133


128.5815, 0.3376,
0.3223

 6.2928, 0.3811,
0.3096

161.6507, 0.3357,
0.3228

 3.0239, 0.4001,
0.3037

199.9531, 0.3342,
0.3232

 1.1442, 0.4334,
0.2930

243.8729, 0.3328,

 0.0154, 0.9670,

0.3236

0.0330

293.7947, 0.3316,
0.3239

0.0000, 0.0000,
0.0000

40.9479, 0.3492,
0.3190

40.9479, 0.3492,
0.3190

33.8300, 0.3723,
0.3142

49.3233, 0.3305,
0.3237

27.9034, 0.4005,
0.3095

59.0071, 0.3153,
0.3282

23.1045, 0.4341,
0.3055

70.0541, 0.3031,
0.3323

19.3613, 0.4728,
0.3027

82.5143, 0.2932,
0.3360

16.5937, 0.5148,
0.3022

91.5508, 0.2847,
0.3317

■ 14.7097, 0.5563,
0.3046

■ 91.7250, 0.2833,
0.3289

■ 13.5999, 0.5921,
0.3102

■ 13.1155, 0.6144,
0.3158

Harmonies

Analogous

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



40.9479, 0.3251, 0.2999



40.9479, 0.3492, 0.3190



40.9479, 0.3634, 0.3411

Triad

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



40.9479, 0.3492, 0.3190



40.9479, 0.3254, 0.3743



40.9479, 0.2644, 0.2946

Complementary

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



40.9479, 0.3492, 0.3190



55.1868, 0.2854, 0.3393

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.



40.9479, 0.2646, 0.3134



40.9479, 0.3492, 0.3190



40.9479, 0.2990, 0.3610

Square

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



40.9479, 0.3492, 0.3190



40.9479, 0.3490, 0.3740



40.9479, 0.2770, 0.3380



40.9479, 0.2765, 0.2857

Rectangle

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



40.9479, 0.3492, 0.3190



40.9479, 0.3649, 0.3551



40.9479, 0.2770, 0.3380



40.9479, 0.2631, 0.2999

Sweetspot

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



40.9498, 0.3492, 0.3190



88.2261, 0.3227, 0.3259



41.3879, 0.3078, 0.2736



18.6778, 0.3236, 0.3257



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.



40.9498, 0.3492, 0.3190



61.7200, 0.3587, 0.3169



45.8932, 0.3532, 0.3470



11.2457, 0.3262, 0.3249



8.1713, 0.6114, 0.3142



0.4318, 0.5595, 0.2856

Inverse Universe

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



40.9498, 0.3492, 0.3190



61.7200, 0.3587, 0.3169



49.0453, 0.2790, 0.3103



11.2457, 0.3262, 0.3249



8.1713, 0.6114, 0.3142



0.4318, 0.5595, 0.2856

Previews

White Background



This preview shows how the Yxy color 40.9479, 0.3492, 0.3190 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 40.9479, 0.3492, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

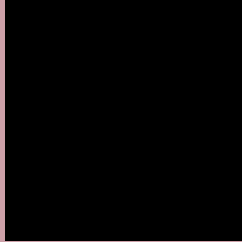
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9479, 0.3492, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 40.9479, 0.3492, 0.3190.



This preview shows how white text looks on a background with the Yxy color 40.9479, 0.3492, 0.3190.

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

40.9479, 0.3492, 0.3190

Protanopia

41.1805, 0.3129, 0.3249

Deuteranopia

41.0096, 0.3344, 0.3277



Tritanopia

40.7540, 0.3455, 0.3128

Trichromacy



Original Color

40.9479, 0.3492, 0.3190

Protanomaly

40.9303, 0.3251, 0.3224

Deuteranomaly

40.9430, 0.3396, 0.3252

Tritanomaly

40.7157, 0.3465, 0.3140

Monochromacy



Original Color

40.9479, 0.3492, 0.3190

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.6688, 0.3248, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9479, 0.3492, 0.3190 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(205, 160, 168)` looks like.

```
.text, #text, p{  
    color:rgb(205, 160, 168)  
}
```

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(205, 160, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 160, 168) }
```

Border

The CSS property to change the border of an element to Yxy 40.9479, 0.3492, 0.3190 is called "border". The border property can be set on classes, ids or directly on the HTML element.

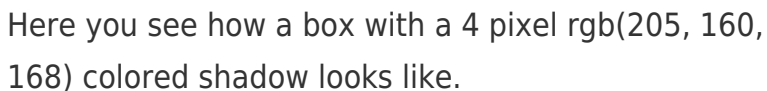
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 160, 168) }
```

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

```
.border{ border-color:rgb(205, 160, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 160, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 160, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 160, 168); box-shadow:4px 4px 4px 4px rgb(205, 160, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9479, 0.3492, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 160, 168) }
```

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

```
.background{ background-color: rgb(205,  
160, 168) }
```

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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