

Converting Colors

$Y_{xy}(38.3772, 0.3516, 0.3124)$

Have a look what the booklet for
Yxy(38.3772, 0.3516, 0.3124)
contains.

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Color

Yxy(38.3730, 0.3517, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	CC99A6
RGB	204, 153, 166
RGB Percent	80%, 60%, 65%
CMY	0.2001, 0.4000, 0.3490
CMYK	0.00, 0.25, 0.19, 0.20
HSL	345°, 33%, 70%
HSV	345°, 25%, 80%
XYZ	43.1727, 38.3730, 41.2086
YIQ	169.7310, 26.2230, 14.8550

Conversions

Conversions Part 2

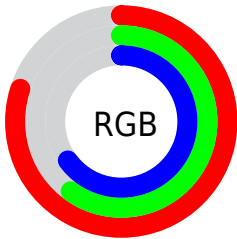
Format	Color
RYB	204, 153, 166
Decimal	13408678
CIELab	68.29, 21.01, 0.67
CIELCh	68, 21.022, 1.820
Yxy	38.3730, 0.3517, 0.3126
Android (android.graphics.Color)	4291598758 (0xFFCC99A6)
YUV	169.7310, -1.8394, 30.0539
Hunter-Lab	61.9459, 15.9986, 3.9204

Details

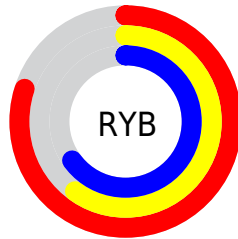
The Yxy color **38.3730, 0.3517, 0.3126** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.7127, 0.2844, 0.3462**, and the grayscale version is **40.0577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.5922, 0.3391, 0.3159**, and **17.1072, 0.3640, 0.3085** is the 20% darker color. If you saturate the color by 10%, you get **31.7325, 0.3738, 0.3057**, and if you desaturate by 10%, it is **46.2244, 0.3336, 0.3194**.

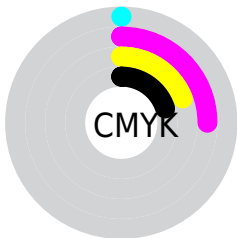
Distribution



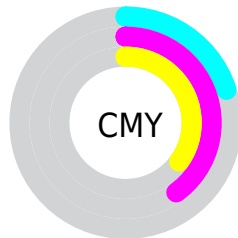
- Red (80%)
- Green (60%)
- Blue (65%)



- Red (80%)
- Yellow (60%)
- Blue (65%)



- Cyan (0%)
- Magenta (25%)
- Yellow (19%)
- Black (20%)





- Cyan (20%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3730, 0.3517, 0.3126 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 38.3730, 0.3517, 0.3126 by changing the saturation by 10% instead.


 38.3730, 0.3517,
0.3126


 38.3730, 0.3517,
0.3126


339.2173, 0.3316,
0.3211

 26.2723, 0.3570,
0.3104

 72.6795, 0.3442,
0.3158

 17.0275, 0.3638,
0.3074

 95.6541, 0.3415,
0.3169

 10.2541, 0.3732,
0.3034


123.0221, 0.3391,
0.3179

 5.5677, 0.3869,
0.2976

155.1679, 0.3372,
0.3188

 2.5841, 0.4083,
0.2883

192.4760, 0.3355,
0.3195

 0.9187, 0.4467,
0.2715

235.3306, 0.3340,

 0.0000, 1.0000,

0.3201

0.0000

284.1163, 0.3327,
0.3206

0.0000, 0.0000,
0.0000

38.3730, 0.3517,
0.3126

38.3730, 0.3517,
0.3126

31.7325, 0.3738,
0.3057

46.2244, 0.3336,
0.3194

26.2373, 0.4005,
0.2991

55.3374, 0.3190,
0.3259

21.8236, 0.4320,
0.2935

65.7665, 0.3071,
0.3320

18.4191, 0.4678,
0.2898

77.5611, 0.2974,
0.3375

15.9428, 0.5064,
0.2891

90.7659, 0.2894,
0.3426

■ 14.3007, 0.5446,
0.2923

■ 91.5751, 0.2827,
0.3289

■ 13.3791, 0.5783,
0.2997

■ 13.0829, 0.5930,
0.3041

Harmonies

Analogous

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



38.3730, 0.3216, 0.2915



38.3730, 0.3517, 0.3126



38.3730, 0.3713, 0.3383

Triad

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



38.3730, 0.3517, 0.3126



38.3730, 0.3330, 0.3845



38.3730, 0.2546, 0.2911

Complementary

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



38.3730, 0.3517, 0.3126



53.7127, 0.2844, 0.3462

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.



38.3730, 0.2574, 0.3150



38.3730, 0.3517, 0.3126



38.3730, 0.3017, 0.3713

Square

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



38.3730, 0.3517, 0.3126



38.3730, 0.3598, 0.3807



38.3730, 0.2742, 0.3450



38.3730, 0.2663, 0.2787

Rectangle

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



38.3730, 0.3517, 0.3126



38.3730, 0.3753, 0.3553



38.3730, 0.2742, 0.3450



38.3730, 0.2539, 0.2980

Sweetspot

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



38.3748, 0.3517, 0.3126



88.3080, 0.3218, 0.3246



38.1429, 0.3031, 0.2650



18.6967, 0.3227, 0.3242



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.



38.3748, 0.3517, 0.3126



57.3772, 0.3631, 0.3089



42.0115, 0.3613, 0.3443



11.2598, 0.3251, 0.3231



8.2489, 0.5895, 0.3021



0.4382, 0.5323, 0.2706

Inverse Universe

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



38.3748, 0.3517, 0.3126



57.3772, 0.3631, 0.3089



48.8712, 0.2749, 0.3131



11.2598, 0.3251, 0.3231



8.2489, 0.5895, 0.3021



0.4382, 0.5323, 0.2706

Previews

White Background



This preview shows how the Yxy color 38.3730, 0.3517, 0.3126 looks on a white background.

Color Contrast Check

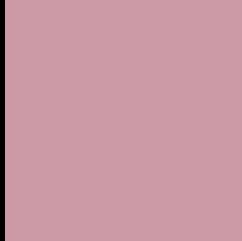
Large Text (above 18pt) WCAG AA × Fail

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 38.3730, 0.3517, 0.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

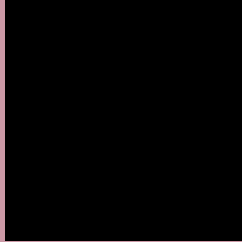
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3730, 0.3517, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 38.3730, 0.3517, 0.3126.



This preview shows how white text looks on a background with the Yxy color 38.3730, 0.3517, 0.3126.

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

38.3730, 0.3517, 0.3126

Protanopia

38.6144, 0.3086, 0.3192

Deuteranopia

38.3604, 0.3322, 0.3250



Tritanopia

38.3364, 0.3527, 0.3139

Trichromacy



Original Color

38.3730, 0.3517, 0.3126

Protanomaly

38.2158, 0.3238, 0.3168

Deuteranomaly

38.2467, 0.3387, 0.3198

Tritanomaly

38.3364, 0.3527, 0.3139

Monochromacy



Original Color

38.3730, 0.3517, 0.3126

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.3606, 0.3253, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3730, 0.3517, 0.3126 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(204, 153, 166)` looks like.

```
.text, #text, p{  
    color:rgb(204, 153, 166)  
}
```

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(204, 153, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 153, 166) }
```

Border

The CSS property to change the border of an element to Yxy 38.3730, 0.3517, 0.3126 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(204, 153, 166) }
```

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

```
.border{ border-color:rgb(204, 153, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 153, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 153, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 153, 166);  
box-shadow:4px 4px 4px 4px rgb(204, 153,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3730, 0.3517, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 153, 166) }
```

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

```
.background{ background-color: rgb(204,  
153, 166) }
```

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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