

Converting Colors

$Yxy(38.4955, 0.3153, 0.2713)$

Have a look what the booklet for
Yxy(38.4955, 0.3153, 0.2713)
contains.

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Color

Yxy(38.5395, 0.3154, 0.2719)

Conversions

Conversions Part 1

Format	Color
Hex	C698C6
RGB	198, 152, 198
RGB Percent	78%, 60%, 78%
CMY	0.2236, 0.4039, 0.2236
CMYK	0.00, 0.23, 0.00, 0.22
HSL	300°, 29%, 69%
HSV	300°, 23%, 78%
XYZ	44.7053, 38.5395, 58.4967
YIQ	170.9980, 12.6500, 24.0580

Conversions

Conversions Part 2

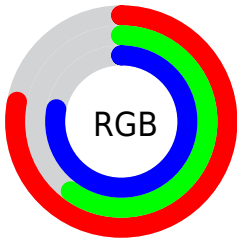
Format	Color
R _Y B	198, 152, 198
Decimal	13015238
CIE Lab	68.42, 24.98, -17.04
CIE LCh	68, 30.241, 325.699
Yxy	38.5395, 0.3154, 0.2719
Android (android.graphics.Color)	4291205318 (0xFFC698C6)
YUV	170.9980, 13.3120, 23.6808
Hunter-Lab	62.0802, 19.9013, -12.4114

Details

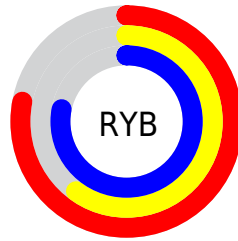
The Yxy color **38.5395, 0.3154, 0.2719** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.3263, 0.3097, 0.3936**, and the grayscale version is **40.6511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1056, 0.3149, 0.2821**, and **17.2503, 0.3161, 0.2573** is the 20% darker color. If you saturate the color by 10%, you get **32.6411, 0.3166, 0.2474**, and if you desaturate by 10%, it is **45.5140, 0.3142, 0.2968**.

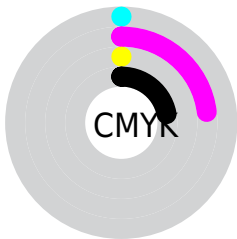
Distribution



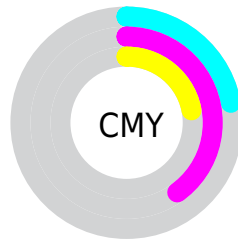
- Red (78%)
- Green (60%)
- Blue (78%)



- Red (78%)
- Yellow (60%)
- Blue (78%)



- Cyan (0%)
- Magenta (23%)
- Yellow (0%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5395, 0.3154, 0.2719 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 38.5395, 0.3154, 0.2719 by changing the saturation by 10% instead.

 38.5395, 0.3154,
0.2719


 38.5395, 0.3154,
0.2719


339.9287, 0.3145,
0.3000

 26.4017, 0.3155,
0.2650


 72.9343, 0.3152,
0.2820

 17.1244, 0.3155,
0.2563


 95.9601, 0.3151,
0.2858

 10.3232, 0.3153,
0.2449


123.3839, 0.3150,
0.2891

 5.6138, 0.3148,
0.2292

155.5903, 0.3149,
0.2919

 2.6117, 0.3133,
0.2067

192.9636, 0.3148,
0.2943

 0.9325, 0.3094,
0.1718

235.8881, 0.3147,


 0.0000, 0.3069,


0.2965


0.0000


284.7483, 0.3146,
0.2983


 0.0000, 0.0000,
0.0000


 38.5395, 0.3154,
0.2719


 38.5395, 0.3154,
0.2719

 32.6411, 0.3166,
0.2474


 45.5140, 0.3142,
0.2968

 27.7605, 0.3176,
0.2243

 53.6091, 0.3131,
0.3213


 23.8417, 0.3186,
0.2034

 62.8729, 0.3120,
0.3449

 20.8212, 0.3195,
0.1856

 73.3492, 0.3109,
0.3672

 18.6278, 0.3201,
0.1716

 85.0795, 0.3099,
0.3879

■ 17.1797, 0.3206,
0.1619

■ 87.6009, 0.3098,
0.3919

■ 16.3783, 0.3208,
0.1563

■ 87.6010, 0.3098,
0.3919

■ 16.0794, 0.3209,
0.1542

■ 87.6011, 0.3098,
0.3919

■ 87.6012, 0.3098,
0.3919

Harmonies

Analogous

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



38.5395, 0.2725, 0.2578



38.5395, 0.3154, 0.2719



38.5395, 0.3605, 0.2987

Triad

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



38.5395, 0.3154, 0.2719



38.5395, 0.3857, 0.3983



38.5395, 0.2379, 0.3162

Complementary

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



38.5395, 0.3154, 0.2719



49.3263, 0.3097, 0.3936

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.



38.5395, 0.2645, 0.3608



38.5395, 0.3154, 0.2719



38.5395, 0.3495, 0.4105

Square

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



38.5395, 0.3154, 0.2719



38.5395, 0.4025, 0.3691



38.5395, 0.3050, 0.3973



38.5395, 0.2303, 0.2798

Rectangle

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



38.5395, 0.3154, 0.2719



38.5395, 0.3847, 0.3213



38.5395, 0.3050, 0.3973



38.5395, 0.2448, 0.3308

Sweetspot

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



38.5412, 0.3154, 0.2719



89.1351, 0.3135, 0.3118



33.2142, 0.2737, 0.2644



18.8885, 0.3136, 0.3103



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.



38.5412, 0.3154, 0.2719



62.5945, 0.3160, 0.2591



37.5600, 0.3370, 0.2995



10.8166, 0.3138, 0.3062



10.4585, 0.3209, 0.1542



0.4952, 0.3209, 0.1542

Inverse Universe

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



38.5412, 0.3154, 0.2719



62.5945, 0.3160, 0.2591



50.1538, 0.2939, 0.3605



10.8166, 0.3138, 0.3062



10.4585, 0.3209, 0.1542



0.4952, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 38.5395, 0.3154, 0.2719 looks on a white background.

Color Contrast Check

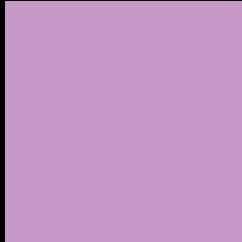
Large Text (above 18pt) WCAG AA × Fail

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 38.5395, 0.3154, 0.2719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

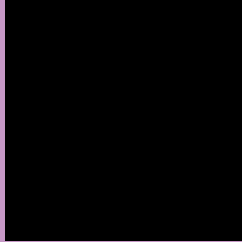
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5395, 0.3154, 0.2719

Background



This preview shows how black text looks on a background with the Yxy color 38.5395, 0.3154, 0.2719.



This preview shows how white text looks on a background with the Yxy color 38.5395, 0.3154, 0.2719.

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

38.5395, 0.3154, 0.2719

Protanopia

38.5834, 0.2727, 0.2724

Deuteranopia

38.6149, 0.2906, 0.2847



Tritanopia

38.4478, 0.3380, 0.3134

Trichromacy



Original Color

38.5395, 0.3154, 0.2719

Protanomaly

38.2719, 0.2868, 0.2712

Deuteranomaly

38.5308, 0.2995, 0.2794

Tritanomaly

38.3401, 0.3288, 0.2969

Monochromacy



Original Color

38.5395, 0.3154, 0.2719

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.7109, 0.3138, 0.3064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5395, 0.3154, 0.2719 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(198, 152, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 152, 198)  
}
```

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(198, 152, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 152, 198) }
```

Border

The CSS property to change the border of an element to Yxy 38.5395, 0.3154, 0.2719 is called "border". The border property can be set on classes, ids or directly on the HTML element.

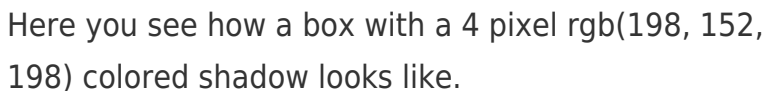
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 152, 198) }
```

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

```
.border{ border-color:rgb(198, 152, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 152, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 152, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 152, 198); box-shadow:4px 4px 4px 4px rgb(198, 152, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5395, 0.3154, 0.2719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 152, 198) }
```

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

```
.background{ background-color: rgb(198,  
152, 198) }
```

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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