

Converting Colors

$Y_{xy}(38.1944, 0.3165, 0.2659)$

Have a look what the booklet for
Yxy(38.1944, 0.3165, 0.2659)
contains.

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Color

Yxy(38.1294, 0.3157, 0.2653)

Conversions

Conversions Part 1

Format	Color
Hex	C995C9
RGB	201, 149, 201
RGB Percent	79%, 58%, 79%
CMY	0.2118, 0.4156, 0.2118
CMYK	0.00, 0.26, 0.00, 0.21
HSL	300°, 32%, 69%
HSV	300°, 26%, 79%
XYZ	45.3730, 38.1294, 60.2194
YIQ	170.4760, 14.3000, 27.1960

Conversions

Conversions Part 2

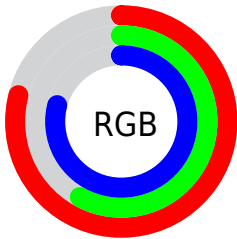
Format	Color
R_{YB}	201, 149, 201
Decimal	13211081
CIE _{Lab}	68.12, 28.20, -19.14
CIE _{LCh}	68, 34.085, 325.836
Yxy	38.1294, 0.3157, 0.2653
Android (android.graphics.Color)	4291401161 (0xFFC995C9)
YUV	170.4760, 15.0483, 26.7695
Hunter-Lab	61.7490, 23.1005, -14.5970

Details

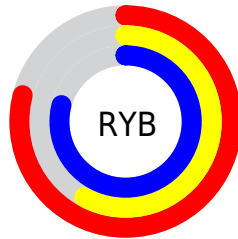
The Yxy color **38.1294, 0.3157, 0.2653** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.3299, 0.3093, 0.4022**, and the grayscale version is **40.3669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6657, 0.3151, 0.2792**, and **16.9529, 0.3151, 0.2486** is the 20% darker color. If you saturate the color by 10%, you get **32.3097, 0.3168, 0.2411**, and if you desaturate by 10%, it is **45.0499, 0.3145, 0.2902**.

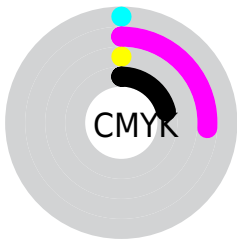
Distribution



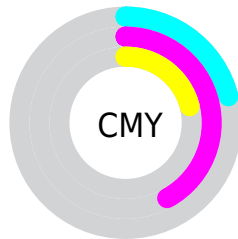
- Red (79%)
- Green (58%)
- Blue (79%)



- Red (79%)
- Yellow (58%)
- Blue (79%)



- Cyan (0%)
- Magenta (26%)
- Yellow (0%)
- Black (21%)





- Cyan (21%)
- Magenta (42%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1294, 0.3157, 0.2653 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 38.1294, 0.3157, 0.2653 by changing the saturation by 10% instead.

 38.1294, 0.3157,
0.2653


 38.1294, 0.3157,
0.2653


338.1747, 0.3148,
0.2965

 26.0831, 0.3157,
0.2577

 72.3064, 0.3155,
0.2765

 16.8858, 0.3157,
0.2481


 95.2060, 0.3154,
0.2807

 10.1531, 0.3154,
0.2356

122.4921, 0.3153,
0.2844

 5.5006, 0.3146,
0.2186

154.5491, 0.3152,
0.2875

 2.5439, 0.3128,
0.1944

191.7615, 0.3151,
0.2902

 0.8985, 0.3079,
0.1576

234.5137, 0.3150,

 0.0000, 0.3047,

0.2925

0.0000

283.1899, 0.3149,
0.2947

0.0000, 0.0000,
0.0000

38.1294, 0.3157,
0.2653

38.1294, 0.3157,
0.2653

32.3097, 0.3168,
0.2411

45.0499, 0.3145,
0.2902

27.5294, 0.3179,
0.2184

53.1186, 0.3134,
0.3149

23.7288, 0.3188,
0.1982


62.3860, 0.3123,
0.3388


20.8403, 0.3196,
0.1814


72.8983, 0.3112,
0.3615


18.7872, 0.3202,
0.1685

84.6991, 0.3102,
0.3827


 17.4809, 0.3206,
0.1599


 88.1534, 0.3099,
0.3882

 16.8108, 0.3208,
0.1554

 88.1537, 0.3099,
0.3882

 16.6300, 0.3209,
0.1541

 88.1539, 0.3099,
0.3882

 88.1542, 0.3099,
0.3882

Harmonies

Analogous

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



38.1294, 0.2675, 0.2495



38.1294, 0.3157, 0.2653



38.1294, 0.3670, 0.2951

Triad

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



38.1294, 0.3157, 0.2653



38.1294, 0.3945, 0.4067



38.1294, 0.2287, 0.3137

Complementary

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



38.1294, 0.3157, 0.2653



50.3299, 0.3093, 0.4022

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.



38.1294, 0.2580, 0.3648



38.1294, 0.3157, 0.2653



38.1294, 0.3534, 0.4216

Square

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



38.1294, 0.3157, 0.2653



38.1294, 0.4141, 0.3734



38.1294, 0.3033, 0.4069



38.1294, 0.2205, 0.2730

Rectangle

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



38.1294, 0.3157, 0.2653



38.1294, 0.3944, 0.3200



38.1294, 0.3033, 0.4069



38.1294, 0.2363, 0.3303

Sweetspot

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



38.1311, 0.3157, 0.2653



87.6675, 0.3136, 0.3093



32.3817, 0.2686, 0.2571



18.3003, 0.3138, 0.3056



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.



38.1311, 0.3157, 0.2653



59.5097, 0.3163, 0.2517



37.0445, 0.3396, 0.2949



10.8166, 0.3138, 0.3062



10.4576, 0.3209, 0.1541



0.4952, 0.3209, 0.1541

Inverse Universe

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



36.0857, 0.3672, 0.3292



55.4240, 0.3836, 0.3292



51.2204, 0.2924, 0.3659



10.6370, 0.3290, 0.3290



7.8077, 0.6401, 0.3300



0.3697, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 38.1294, 0.3157, 0.2653 looks on a white background.

Color Contrast Check

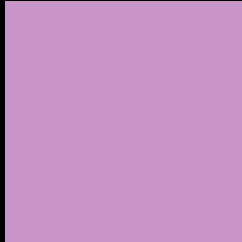
Large Text (above 18pt) WCAG AA × Fail

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 38.1294, 0.3157, 0.2653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

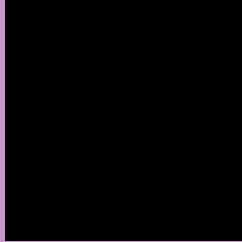
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1294, 0.3157, 0.2653

Background



This preview shows how black text looks on a background with the Yxy color 38.1294, 0.3157, 0.2653.



This preview shows how white text looks on a background with the Yxy color 38.1294, 0.3157, 0.2653.

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

38.1294, 0.3157, 0.2653

Protanopia

38.5338, 0.2669, 0.2660

Deuteranopia

38.4871, 0.2874, 0.2820



Tritanopia

37.9685, 0.3423, 0.3134

Trichromacy



Original Color

38.1294, 0.3157, 0.2653

Protanomaly

38.0083, 0.2829, 0.2649

Deuteranomaly

38.1609, 0.2969, 0.2755

Tritanomaly

38.0429, 0.3330, 0.2958

Monochromacy



Original Color

38.1294, 0.3157, 0.2653

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.0006, 0.3139, 0.3037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1294, 0.3157, 0.2653 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(201, 149, 201)` looks like.

```
.text, #text, p{  
    color:rgb(201, 149, 201)  
}
```

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(201, 149, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 149, 201) }
```

Border

The CSS property to change the border of an element to Yxy 38.1294, 0.3157, 0.2653 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(201, 149, 201) }
```

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

```
.border{ border-color:rgb(201, 149, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 149, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 149, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 149, 201);  
box-shadow:4px 4px 4px 4px rgb(201, 149,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1294, 0.3157, 0.2653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 149, 201) }
```

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

```
.background{ background-color: rgb(201,  
149, 201) }
```

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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