

Converting Colors

Yxy(38.2416, 0.3330, 0.3194)

Have a look what the booklet for
Yxy(38.2416, 0.3330, 0.3194)
contains.

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Color

Yxy(38.1511, 0.3327, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	BB9FA7
RGB	187, 159, 167
RGB Percent	73%, 62%, 65%
CMY	0.2667, 0.3764, 0.3452
CMYK	0.00, 0.15, 0.11, 0.27
HSL	343°, 17%, 68%
HSV	343°, 15%, 73%
XYZ	39.8645, 38.1511, 41.8056
YIQ	168.2840, 14.1200, 8.4240

Conversions

Conversions Part 2

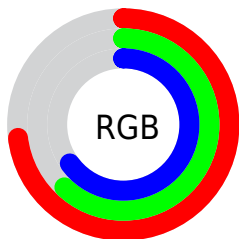
Format	Color
RYB	187, 159, 167
Decimal	12296103
CIELab	68.13, 11.63, -0.31
CIELCh	68, 11.638, 358.481
Yxy	38.1511, 0.3327, 0.3184
Android (android.graphics.Color)	4290486183 (0xFFBB9FA7)
YUV	168.2840, -0.6330, 16.4139
Hunter-Lab	61.7666, 7.1135, 3.1072

Details

The Yxy color **38.1511, 0.3327, 0.3184** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.1699, 0.2960, 0.3399**, and the grayscale version is **39.3028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4217, 0.3286, 0.3207**, and **17.0313, 0.3395, 0.3162** is the 20% darker color. If you saturate the color by 10%, you get **31.7305, 0.3499, 0.3108**, and if you desaturate by 10%, it is **45.5993, 0.3187, 0.3256**.

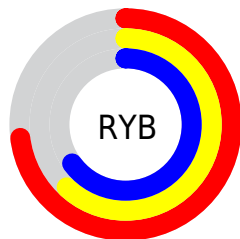
Distribution



Red (73%)

Green (62%)

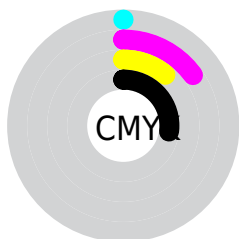
Blue (65%)



Red (73%)

Yellow (62%)

Blue (65%)

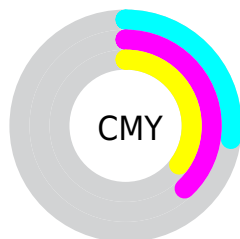


Cyan (0%)

Magenta (15%)

Yellow (11%)

Black (27%)



Cyan (27%)


Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1511, 0.3327, 0.3184 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 38.1511, 0.3327, 0.3184 by changing the saturation by 10% instead.


 38.1511, 0.3327,
0.3184


 38.1511, 0.3327,
0.3184


338.2677, 0.3224,
0.3239

 26.1000, 0.3354,
0.3170


 72.3397, 0.3289,
0.3204

 16.8985, 0.3389,
0.3151


 95.2459, 0.3275,
0.3212

 10.1621, 0.3438,
0.3125


122.5393, 0.3263,
0.3218

 5.5066, 0.3508,
0.3088

154.6043, 0.3253,
0.3224

 2.5474, 0.3619,
0.3030

191.8252, 0.3244,
0.3228

 0.9003, 0.3820,
0.2924

234.5865, 0.3236,

 0.0000, 1.0000,

0.3232

0.0000

283.2725, 0.3230,
0.3236

0.0000, 0.0000,
0.0000

38.1511, 0.3327,
0.3184

38.1511, 0.3327,
0.3184

31.7305, 0.3499,
0.3108

45.5993, 0.3187,
0.3256

26.2872, 0.3708,
0.3032

54.1124, 0.3073,
0.3323

21.7746, 0.3961,
0.2958

63.7319, 0.2980,
0.3385

18.1399, 0.4258,
0.2894

74.4957, 0.2903,
0.3441

15.3252, 0.4597,
0.2850

86.4398, 0.2841,
0.3493

■ 13.2654, 0.4964,
0.2837

■ 88.8170, 0.2775,
0.3372

■ 11.8855, 0.5332,
0.2865

■ 89.3051, 0.2736,
0.3289

■ 11.0945, 0.5667,
0.2937

■ 10.8237, 0.5819,
0.2979

Harmonies

Analogous

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



38.1511, 0.3159, 0.3065



38.1511, 0.3327, 0.3184



38.1511, 0.3442, 0.3331

Triad

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



38.1511, 0.3327, 0.3184



38.1511, 0.3262, 0.3595



38.1511, 0.2796, 0.3095

Complementary

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



38.1511, 0.3327, 0.3184



46.1699, 0.2960, 0.3399

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.



38.1511, 0.2822, 0.3235



38.1511, 0.3327, 0.3184



38.1511, 0.3088, 0.3531

Square

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



38.1511, 0.3327, 0.3184



38.1511, 0.3403, 0.3571



38.1511, 0.2928, 0.3397



38.1511, 0.2855, 0.3012

Rectangle

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



38.1511, 0.3327, 0.3184



38.1511, 0.3471, 0.3429



38.1511, 0.2928, 0.3397



38.1511, 0.2795, 0.3137

Sweetspot

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



38.1528, 0.3327, 0.3184



82.9669, 0.3175, 0.3262



37.9234, 0.3066, 0.2917



18.0308, 0.3185, 0.3257



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.1528, 0.3327, 0.3184



64.3105, 0.3380, 0.3159



39.8371, 0.3391, 0.3366



9.5798, 0.3245, 0.3225



7.4683, 0.5788, 0.2962



0.3042, 0.5083, 0.2574

Inverse Universe

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



38.1528, 0.3327, 0.3184



64.3105, 0.3380, 0.3159



44.1718, 0.2900, 0.3213



9.5798, 0.3245, 0.3225



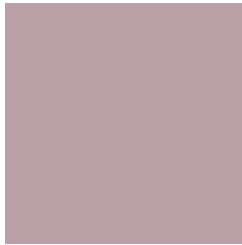
7.4683, 0.5788, 0.2962



0.3042, 0.5083, 0.2574

Previews

White Background



This preview shows how the Yxy color 38.1511, 0.3327, 0.3184 looks on a white background.

Color Contrast Check

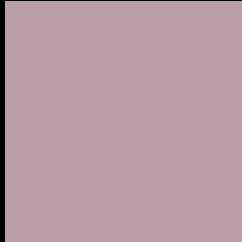
Large Text (above 18pt) WCAG AA × Fail

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 38.1511, 0.3327, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

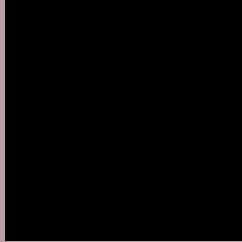
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1511, 0.3327, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 38.1511, 0.3327, 0.3184.



This preview shows how white text looks on a background with the Yxy color 38.1511, 0.3327, 0.3184.

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

38.1511, 0.3327, 0.3184

Protanopia

38.1754, 0.3103, 0.3206

Deuteranopia

38.2248, 0.3275, 0.3209



Tritanopia

38.0854, 0.3300, 0.3118

Trichromacy



Original Color

38.1511, 0.3327, 0.3184

Protanomaly

38.2106, 0.3179, 0.3194

Deuteranomaly

38.1220, 0.3296, 0.3196

Tritanomaly

38.0474, 0.3310, 0.3131

Monochromacy



Original Color

38.1511, 0.3327, 0.3184

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.8514, 0.3195, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1511, 0.3327, 0.3184 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(187, 159, 167)` looks like.

```
.text, #text, p{  
    color:rgb(187, 159, 167)  
}
```

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(187, 159, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 159, 167) }
```

Border

The CSS property to change the border of an element to Yxy 38.1511, 0.3327, 0.3184 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(187, 159, 167) }
```

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

```
.border{ border-color:rgb(187, 159, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 159, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 159, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 159, 167);  
box-shadow:4px 4px 4px 4px rgb(187, 159,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1511, 0.3327, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 159, 167) }
```

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

```
.background{ background-color: rgb(187,  
159, 167) }
```

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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