

Converting Colors

$Y_{xy}(36.6598, 0.3386, 0.3115)$

Have a look what the booklet for
Yxy(36.6598, 0.3386, 0.3115)
contains.

Yxy(36.6120, 0.3386, 0.3118)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.6120, 0.3386, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	BF99A6
RGB	191, 153, 166
RGB Percent	75%, 60%, 65%
CMY	0.2510, 0.4000, 0.3490
CMYK	0.00, 0.20, 0.13, 0.25
HSL	339°, 23%, 67%
HSV	339°, 20%, 75%
XYZ	39.7589, 36.6120, 41.0505
YIQ	165.8440, 18.4750, 12.0990

Conversions

Conversions Part 2

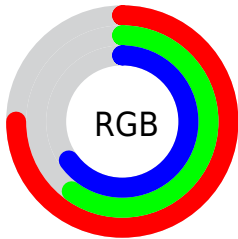
Format	Color
RYB	191, 153, 166
Decimal	12556710
CIELab	66.98, 16.25, -1.41
CIELCh	67, 16.307, 355.056
Yxy	36.6120, 0.3386, 0.3118
Android (android.graphics.Color)	4290746790 (0xFFBF99A6)
YUV	165.8440, 0.0769, 22.0618
Hunter-Lab	60.5079, 11.4012, 2.1312

Details

The Yxy color **36.6120, 0.3386, 0.3118** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.2453, 0.2923, 0.3469**, and the grayscale version is **38.0476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8026, 0.3339, 0.3146**, and **16.0360, 0.3468, 0.3072** is the 20% darker color. If you saturate the color by 10%, you get **30.4148, 0.3560, 0.3026**, and if you desaturate by 10%, it is **43.8583, 0.3243, 0.3207**.

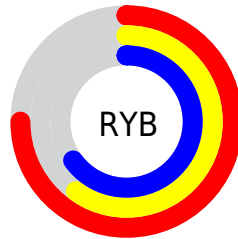
Distribution



Red (75%)

Green (60%)

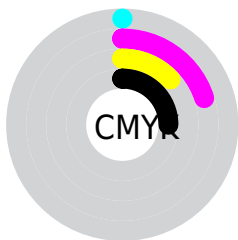
Blue (65%)



Red (75%)

Yellow (60%)

Blue (65%)

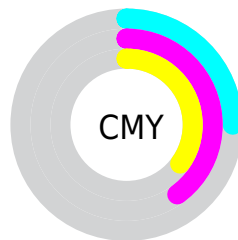


Cyan (0%)

Magenta (20%)

Yellow (13%)

Black (25%)



Cyan (25%)


Magenta (40%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6120, 0.3386, 0.3118 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 36.6120, 0.3386, 0.3118 by changing the saturation by 10% instead.

 36.6120, 0.3386,
0.3118


 36.6120, 0.3386,
0.3118


331.6276, 0.3252,
0.3207

 24.9072, 0.3421,
0.3095


 69.9756, 0.3336,
0.3151

 16.0079, 0.3468,
0.3065


 92.4033, 0.3318,
0.3163

 9.5298, 0.3531,
0.3023


119.1740, 0.3302,
0.3173

 5.0883, 0.3624,
0.2963

150.6722, 0.3289,
0.3182

 2.2992, 0.3772,
0.2868

187.2823, 0.3278,
0.3190

 0.7733, 0.4050,
0.2685

229.3886, 0.3268,

 0.0000, 1.0000,

0.3196

0.0000

277.3756, 0.3259,
0.3202

0.0000, 0.0000,
0.0000

36.6120, 0.3386,
0.3118

36.6120, 0.3386,
0.3118

30.4148, 0.3560,
0.3026

43.8583, 0.3243,
0.3207

25.2128, 0.3770,
0.2935

52.1942, 0.3126,
0.3291

20.9551, 0.4020,
0.2850

61.6643, 0.3030,
0.3369

17.5840, 0.4309,
0.2781

72.3092, 0.2952,
0.3440

15.0356, 0.4631,
0.2738

84.1673, 0.2888,
0.3506

■ 13.2370, 0.4972,
0.2735

■ 88.9692, 0.2826,
0.3435

■ 12.1028, 0.5305,
0.2780

■ 89.7477, 0.2762,
0.3300

■ 11.4675, 0.5609,
0.2865

■ 89.8154, 0.2757,
0.3289

■ 11.4613, 0.5613,
0.2866

Harmonies

Analogous

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



36.6120, 0.3142, 0.2961



36.6120, 0.3386, 0.3118



36.6120, 0.3563, 0.3320

Triad

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



36.6120, 0.3386, 0.3118



36.6120, 0.3343, 0.3729



36.6120, 0.2659, 0.3029

Complementary

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



36.6120, 0.3386, 0.3118



47.2453, 0.2923, 0.3469

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.



36.6120, 0.2709, 0.3234



36.6120, 0.3386, 0.3118



36.6120, 0.3098, 0.3654

Square

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



36.6120, 0.3386, 0.3118



36.6120, 0.3536, 0.3676



36.6120, 0.2867, 0.3468



36.6120, 0.2728, 0.2905

Rectangle

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



36.6120, 0.3386, 0.3118



36.6120, 0.3615, 0.3459



36.6120, 0.2867, 0.3468



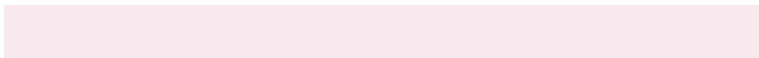
36.6120, 0.2663, 0.3090

Sweetspot

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



36.6136, 0.3386, 0.3118



83.9869, 0.3196, 0.3240



35.9753, 0.3025, 0.2784



18.2306, 0.3204, 0.3234



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



36.6136, 0.3386, 0.3118



60.3673, 0.3460, 0.3077



38.0705, 0.3501, 0.3367



9.5888, 0.3236, 0.3212



7.5466, 0.5577, 0.2846



0.3081, 0.4897, 0.2471

Inverse Universe

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



36.6136, 0.3386, 0.3118



60.3673, 0.3460, 0.3077



45.3556, 0.2829, 0.3211



9.5888, 0.3236, 0.3212



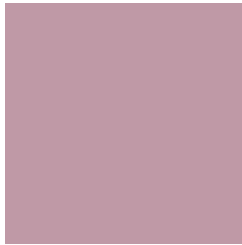
7.5466, 0.5577, 0.2846



0.3081, 0.4897, 0.2471

Previews

White Background



This preview shows how the Yxy color 36.6120, 0.3386, 0.3118 looks on a white background.

Color Contrast Check

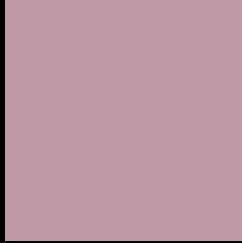
Large Text (above 18pt) WCAG AA × Fail

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 36.6120, 0.3386, 0.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

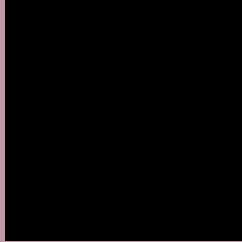
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6120, 0.3386, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 36.6120, 0.3386, 0.3118.



This preview shows how white text looks on a background with the Yxy color 36.6120, 0.3386, 0.3118.

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

36.6120, 0.3386, 0.3118

Protanopia

36.6734, 0.3068, 0.3162

Deuteranopia

36.6353, 0.3258, 0.3194



Tritanopia

36.5754, 0.3396, 0.3131

Trichromacy



Original Color

36.6120, 0.3386, 0.3118

Protanomaly

36.6595, 0.3182, 0.3151

Deuteranomaly

36.5608, 0.3311, 0.3168

Tritanomaly

36.5754, 0.3396, 0.3131

Monochromacy



Original Color

36.6120, 0.3386, 0.3118

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.3569, 0.3217, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6120, 0.3386, 0.3118 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(191, 153, 166)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 153, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 153, 166) }
```

Border

The CSS property to change the border of an element to Yxy 36.6120, 0.3386, 0.3118 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(191, 153, 166) }
```

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

```
.border{ border-color:rgb(191, 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(191, 153, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 153, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 153, 166);  
box-shadow:4px 4px 4px 4px rgb(191, 153,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6120, 0.3386, 0.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 153, 166) }
```

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

```
.background{ background-color: rgb(191,  
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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