

Converting Colors

$Y_{xy}(37.1199, 0.3361, 0.3115)$

Have a look what the booklet for
Yxy(37.1199, 0.3361, 0.3115)
contains.

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Color

Yxy(37.2170, 0.3353, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	BE9BA8
RGB	190, 155, 168
RGB Percent	75%, 61%, 66%
CMY	0.2550, 0.3921, 0.3412
CMYK	0.00, 0.18, 0.12, 0.25
HSL	338°, 21%, 68%
HSV	338°, 18%, 75%
XYZ	40.0220, 37.2170, 42.1228
YIQ	166.9470, 16.6870, 11.4630

Conversions

Conversions Part 2

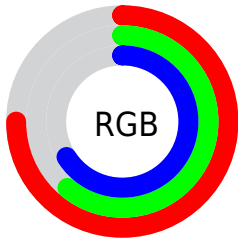
Format	Color
RYB	190, 155, 168
Decimal	12491688
CIELab	67.44, 15.11, -1.87
CIELCh	67, 15.225, 352.950
Yxy	37.2170, 0.3353, 0.3118
Android (android.graphics.Color)	4290681768 (0xFFBE9BA8)
YUV	166.9470, 0.5191, 20.2175
Hunter-Lab	61.0057, 10.3425, 1.7659

Details

The Yxy color **37.2170, 0.3353, 0.3118** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.9640, 0.2945, 0.3469**, and the grayscale version is **38.6082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1951, 0.3313, 0.3157**, and **16.3958, 0.3420, 0.3072** is the 20% darker color. If you saturate the color by 10%, you get **30.9594, 0.3514, 0.3019**, and if you desaturate by 10%, it is **44.5137, 0.3220, 0.3214**.

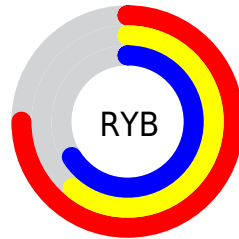
Distribution



Red (75%)

Green (61%)

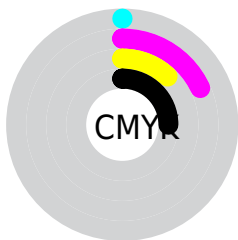
Blue (66%)



Red (75%)

Yellow (61%)

Blue (66%)

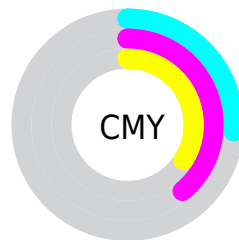


Cyan (0%)

Magenta (18%)

Yellow (12%)

Black (25%)



Cyan (26%)


Magenta (39%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.2170, 0.3353, 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 37.2170, 0.3353, 0.3118 by changing the saturation by 10% instead.


 37.2170, 0.3353,
0.3118


 37.2170, 0.3353,
0.3118


334.2491, 0.3236,
0.3207

 25.3755, 0.3383,
0.3095


 70.9064, 0.3310,
0.3151

 16.3571, 0.3423,
0.3065


 93.5232, 0.3294,
0.3163

 9.7772, 0.3478,
0.3024


120.5004, 0.3280,
0.3173

 5.2515, 0.3558,
0.2966

152.2227, 0.3269,
0.3182

 2.3956, 0.3683,
0.2874

189.0743, 0.3259,
0.3189

 0.8236, 0.3914,
0.2706

231.4396, 0.3250,

 0.0000, 1.0000,

0.3196

0.0000

279.7031, 0.3243,
0.3201

0.0000, 0.0000,
0.0000

37.2170, 0.3353,
0.3118

37.2170, 0.3353,
0.3118

30.9594, 0.3514,
0.3019

44.5137, 0.3220,
0.3214

25.6884, 0.3709,
0.2919

52.8889, 0.3111,
0.3304

21.3545, 0.3940,
0.2825

62.3861, 0.3022,
0.3388

17.9017, 0.4208,
0.2746

73.0449, 0.2949,
0.3464

15.2682, 0.4509,
0.2692

84.9029, 0.2888,
0.3535

■ 13.3839, 0.4830,
0.2677

■ 88.7351, 0.2829,
0.3455

■ 12.1668, 0.5152,
0.2709

■ 89.4668, 0.2769,
0.3325

■ 11.4853, 0.5451,
0.2789

■ 89.6853, 0.2752,
0.3289

■ 11.3951, 0.5497,
0.2802

Harmonies

Analogous

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



37.2170, 0.3125, 0.2975



37.2170, 0.3353, 0.3118



37.2170, 0.3523, 0.3305

Triad

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



37.2170, 0.3353, 0.3118



37.2170, 0.3343, 0.3697



37.2170, 0.2691, 0.3060

Complementary

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



37.2170, 0.3353, 0.3118



46.9640, 0.2945, 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.



37.2170, 0.2745, 0.3254



37.2170, 0.3353, 0.3118



37.2170, 0.3117, 0.3635

Square

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



37.2170, 0.3353, 0.3118



37.2170, 0.3516, 0.3642



37.2170, 0.2899, 0.3469



37.2170, 0.2748, 0.2937

Rectangle

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



37.2170, 0.3353, 0.3118



37.2170, 0.3578, 0.3435



37.2170, 0.2899, 0.3469



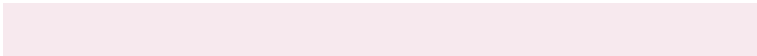
37.2170, 0.2697, 0.3119

Sweetspot

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



37.2187, 0.3353, 0.3118



84.0125, 0.3193, 0.3235



36.4607, 0.3023, 0.2822



18.2368, 0.3201, 0.3229



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.



37.2187, 0.3353, 0.3118



62.7601, 0.3413, 0.3079



38.1395, 0.3471, 0.3346



9.5934, 0.3232, 0.3205



7.5924, 0.5463, 0.2783



0.3102, 0.4805, 0.2421

Inverse Universe

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



37.2187, 0.3353, 0.3118



62.7601, 0.3413, 0.3079



45.7644, 0.2851, 0.3234



9.5934, 0.3232, 0.3205



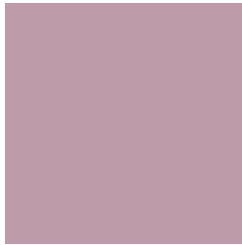
7.5924, 0.5463, 0.2783



0.3102, 0.4805, 0.2421

Previews

White Background



This preview shows how the Yxy color 37.2170, 0.3353, 0.3118 looks on a white background.

Color Contrast Check

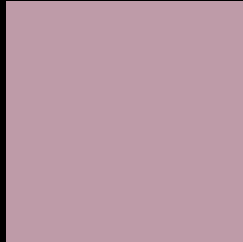
Large Text (above 18pt) WCAG AA × Fail

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 37.2170, 0.3353, 0.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

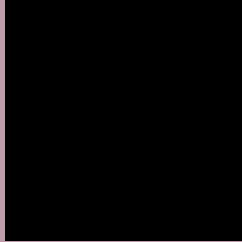
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2170, 0.3353, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 37.2170, 0.3353, 0.3118.



This preview shows how white text looks on a background with the Yxy color 37.2170, 0.3353, 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

37.2170, 0.3353, 0.3118

Protanopia

37.2108, 0.3059, 0.3149

Deuteranopia

37.1700, 0.3248, 0.3181



Tritanopia

37.1799, 0.3363, 0.3131

Trichromacy



Original Color

37.2170, 0.3353, 0.3118

Protanomaly

37.0806, 0.3163, 0.3138

Deuteranomaly

37.3110, 0.3289, 0.3168

Tritanomaly

37.1799, 0.3363, 0.3131

Monochromacy



Original Color

37.2170, 0.3353, 0.3118

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.0984, 0.3205, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2170, 0.3353, 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(190, 155, 168)` looks like.

```
.text, #text, p{  
    color:rgb(190, 155, 168)  
}
```

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(190, 155, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 155, 168) }
```

Border

The CSS property to change the border of an element to Yxy 37.2170, 0.3353, 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(190, 155, 168) }
```

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

```
.border{ border-color:rgb(190, 155, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 155, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 155, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 155, 168);  
box-shadow:4px 4px 4px 4px rgb(190, 155,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2170, 0.3353, 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(190, 155, 168) }
```

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

```
.background{ background-color: rgb(190,  
155, 168) }
```

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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