

Converting Colors

$Yxy(38.0558, 0.3463, 0.3290)$

Have a look what the booklet for
Yxy(38.0558, 0.3463, 0.3290)
contains.

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Color

Yxy(38.1288, 0.3464, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	C09E9E
RGB	192, 158, 158
RGB Percent	75%, 62%, 62%
CMY	0.2471, 0.3803, 0.3804
CMYK	0.00, 0.18, 0.18, 0.25
HSL	0°, 21%, 69%
HSV	0°, 18%, 75%
XYZ	40.1331, 38.1288, 37.5959
YIQ	168.1660, 20.2640, 7.2080

Conversions

Conversions Part 2

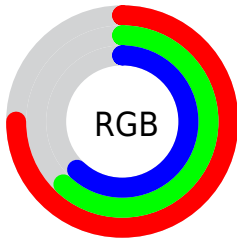
Format	Color
RYB	192, 158, 158
Decimal	12623518
CIELab	68.12, 12.54, 4.72
CIElCh	68, 13.400, 20.606
Yxy	38.1288, 0.3464, 0.3291
Android (android.graphics.Color)	4290813598 (0xFFC09E9E)
YUV	168.1660, -5.0118, 20.9024
Hunter-Lab	61.7485, 7.9553, 7.1250

Details

The Yxy color **38.1288, 0.3464, 0.3291** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.7637, 0.2864, 0.3289**, and the grayscale version is **39.2616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.5323, 0.3397, 0.3291**, and **16.9802, 0.3565, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **31.4742, 0.3722, 0.3292**, and if you desaturate by 10%, it is **45.9130, 0.3257, 0.3290**.

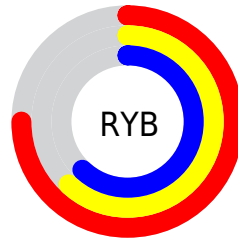
Distribution



Red (75%)

Green (62%)

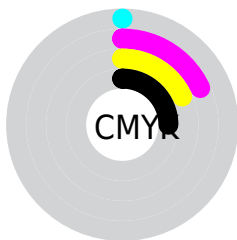
Blue (62%)



Red (75%)

Yellow (62%)

Blue (62%)

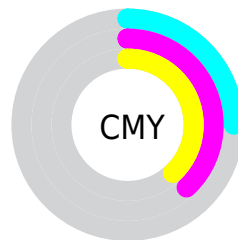


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (25%)



Cyan (25%)


Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1288, 0.3464, 0.3291 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 38.1288, 0.3464, 0.3291 by changing the saturation by 10% instead.


 38.1288, 0.3464,
0.3291


 38.1288, 0.3464,
0.3291


338.1722, 0.3289,
0.3292

 26.0827, 0.3510,
0.3290


 72.3055, 0.3399,
0.3292

 16.8855, 0.3570,
0.3288


 95.2049, 0.3375,
0.3292

 10.1529, 0.3654,
0.3285


122.4908, 0.3355,
0.3292

 5.5004, 0.3775,
0.3279

154.5476, 0.3338,
0.3292

 2.5438, 0.3968,
0.3265

191.7598, 0.3323,
0.3292

 0.8985, 0.4372,
0.3268

234.5117, 0.3310,

 0.0000, 1.0000,

0.3292

0.0000


283.1877, 0.3299,
0.3292


 0.0000, 0.0000,
0.0000


 38.1288, 0.3464,
0.3291

 38.1288, 0.3464,
0.3291


 31.4742, 0.3722,
0.3292


 45.9130, 0.3257,
0.3290

 25.8920, 0.4040,
0.3293


 54.8705, 0.3092,
0.3290


 21.3276, 0.4425,
0.3294

 65.0488, 0.2960,
0.3289

 17.7197, 0.4870,
0.3295

 76.4912, 0.2853,
0.3289

 15.0003, 0.5347,
0.3297

 89.2393, 0.2766,
0.3289

■ 13.0925, 0.5800,
0.3298

■ 89.9437, 0.2762,
0.3289

■ 11.9065, 0.6155,
0.3299

■ 11.3098, 0.6362,
0.3300

■ 11.2040, 0.6401,
0.3300

Harmonies

Analogous

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



38.1288, 0.3310, 0.3128



38.1288, 0.3464, 0.3291



38.1288, 0.3525, 0.3459

Triad

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



38.1288, 0.3464, 0.3291



38.1288, 0.3135, 0.3598



38.1288, 0.2788, 0.2987

Complementary

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



38.1288, 0.3464, 0.3291



48.7637, 0.2864, 0.3289

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.



38.1288, 0.2745, 0.3101



38.1288, 0.3464, 0.3291



38.1288, 0.2941, 0.3460

Square

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



38.1288, 0.3464, 0.3291



38.1288, 0.3331, 0.3644



38.1288, 0.2800, 0.3275



38.1288, 0.2919, 0.2955

Rectangle

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



38.1288, 0.3464, 0.3291



38.1288, 0.3503, 0.3554



38.1288, 0.2800, 0.3275



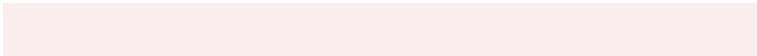
38.1288, 0.2763, 0.3017

Sweetspot

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



38.1305, 0.3464, 0.3291



87.2474, 0.3211, 0.3290



39.4655, 0.3147, 0.2857



18.4798, 0.3223, 0.3290



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.



38.1305, 0.3464, 0.3291



64.4819, 0.3551, 0.3291



44.3303, 0.3426, 0.3513



10.0780, 0.3289, 0.3291



7.5410, 0.6401, 0.3300



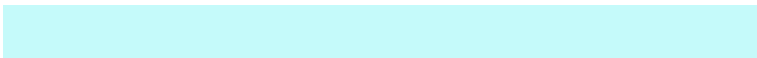
0.3259, 0.6400, 0.3300

Inverse Universe

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



48.7637, 0.2864, 0.3289



87.1296, 0.2813, 0.3289



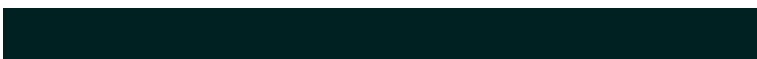
41.7326, 0.2852, 0.3057



11.4283, 0.2985, 0.3290



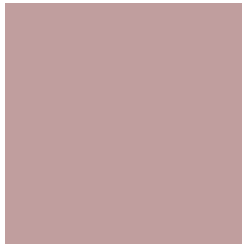
27.9241, 0.2247, 0.3287



1.2066, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 38.1288, 0.3464, 0.3291 looks on a white background.

Color Contrast Check

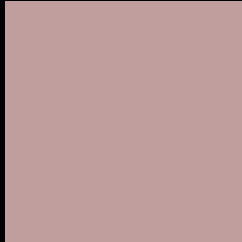
Large Text (above 18pt) WCAG AA × Fail

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 38.1288, 0.3464, 0.3291 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 38.1288, 0.3464, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 38.1288, 0.3464, 0.3291.



This preview shows how white text looks on a background with the Yxy color 38.1288, 0.3464, 0.3291.

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

38.1288, 0.3464, 0.3291

Protanopia

38.0649, 0.3200, 0.3333

Deuteranopia

38.3975, 0.3398, 0.3331



Tritanopia

37.9790, 0.3372, 0.3120

Trichromacy



Original Color

38.1288, 0.3464, 0.3291

Protanomaly

37.8788, 0.3290, 0.3304

Deuteranomaly

38.3016, 0.3420, 0.3318

Tritanomaly

38.1680, 0.3408, 0.3185

Monochromacy



Original Color

38.1288, 0.3464, 0.3291

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.5784, 0.3250, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1288, 0.3464, 0.3291 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(192, 158, 158)` looks like.

```
.text, #text, p{  
    color:rgb(192, 158, 158)  
}
```

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(192, 158, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 158, 158) }
```

Border

The CSS property to change the border of an element to Yxy 38.1288, 0.3464, 0.3291 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(192, 158, 158) }
```

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

```
.border{ border-color:rgb(192, 158, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 158, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 158, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 158, 158);  
box-shadow:4px 4px 4px 4px rgb(192, 158,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1288, 0.3464, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 158, 158) }
```

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

```
.background{ background-color: rgb(192,  
158, 158) }
```

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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