

Converting Colors

$Yxy(38.0220, 0.3613, 0.3393)$

Have a look what the booklet for
Yxy(38.0220, 0.3613, 0.3393)
contains.

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Color

Yxy(38.1542, 0.3606, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	C59D95
RGB	197, 157, 149
RGB Percent	77%, 62%, 58%
CMY	0.2276, 0.3842, 0.4157
CMYK	0.00, 0.20, 0.24, 0.23
HSL	10°, 29%, 68%
HSV	10°, 24%, 77%
XYZ	40.5016, 38.1542, 33.6615
YIQ	168.0480, 26.4080, 5.9920

Conversions

Conversions Part 2

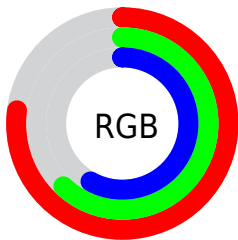
Format	Color
R _Y B	197, 159, 149
Decimal	12950933
CIE Lab	68.13, 13.61, 9.82
CIE LCh	68, 16.783, 35.829
Yxy	38.1542, 0.3606, 0.3397
Android (android.graphics.Color)	4291141013 (0xFFC59D95)
YUV	168.0480, -9.3907, 25.3909
Hunter-Lab	61.7691, 8.9455, 10.9278

Details

The Yxy color **38.1542, 0.3606, 0.3397** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.7925, 0.2763, 0.3180**, and the grayscale version is **39.2197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4696, 0.3511, 0.3383**, and **16.9407, 0.3755, 0.3436** is the 20% darker color. If you saturate the color by 10%, you get **32.3953, 0.3877, 0.3444**, and if you desaturate by 10%, it is **44.7683, 0.3382, 0.3351**.

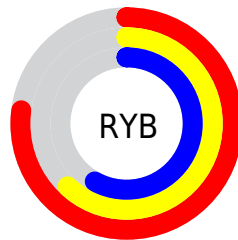
Distribution



Red (77%)

Green (62%)

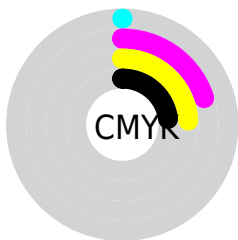
Blue (58%)



Red (77%)

Yellow (62%)

Blue (58%)

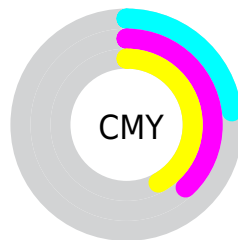


Cyan (0%)

Magenta (20%)

Yellow (24%)

Black (23%)



Cyan (23%)


Magenta (38%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.1542, 0.3606, 0.3397 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 38.1542, 0.3606, 0.3397 by changing the saturation by 10% instead.


 38.1542, 0.3606,
0.3397


 38.1542, 0.3606,
0.3397


338.2810, 0.3357,
0.3346

 26.1024, 0.3672,
0.3409

 72.3444, 0.3513,
0.3379

 16.9003, 0.3758,
0.3423


 95.2516, 0.3479,
0.3372

 10.1634, 0.3876,
0.3440

122.5461, 0.3450,
0.3366

 5.5074, 0.4048,
0.3462

154.6122, 0.3426,
0.3361

 2.5480, 0.4320,
0.3486

191.8343, 0.3405,
0.3357

 0.9006, 0.5089,
0.3703

234.5969, 0.3387,

 0.0000, 1.0000,

0.3353

0.0000

283.2843, 0.3371,
0.3349

■ 0.0000, 0.0000,
0.0000

■ 38.1542, 0.3606,
0.3397

■ 38.1542, 0.3606,
0.3397

■ 32.3953, 0.3877,
0.3444

■ 44.7683, 0.3382,
0.3351

■ 27.4514, 0.4199,
0.3488

■ 52.2651, 0.3197,
0.3308

■ 23.2872, 0.4573,
0.3526

■ 60.6775, 0.3045,
0.3268

■ 19.8623, 0.4987,
0.3549

■ 70.0350, 0.2920,
0.3231

■ 17.1330, 0.5413,
0.3550

■ 80.3657, 0.2816,
0.3198

■ 15.0507, 0.5804,
0.3522

■ 90.6063, 0.2789,
0.3289

■ 13.5603, 0.6108,
0.3464

■ 12.9503, 0.6238,
0.3429

Harmonies

Analogous

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



38.1542, 0.3466, 0.3186



38.1542, 0.3606, 0.3397



38.1542, 0.3611, 0.3591

Triad

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



38.1542, 0.3606, 0.3397



38.1542, 0.3008, 0.3602



38.1542, 0.2775, 0.2879

Complementary

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



38.1542, 0.3606, 0.3397



46.7925, 0.2763, 0.3180

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.



38.1542, 0.2664, 0.2968



38.1542, 0.3606, 0.3397



38.1542, 0.2794, 0.3387

Square

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



38.1542, 0.3606, 0.3397



38.1542, 0.3259, 0.3724



38.1542, 0.2671, 0.3152



38.1542, 0.2981, 0.2895

Rectangle

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



38.1542, 0.3606, 0.3397



38.1542, 0.3538, 0.3685



38.1542, 0.2671, 0.3152



38.1542, 0.2726, 0.2897

Sweetspot

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



38.1560, 0.3606, 0.3397



89.7826, 0.3244, 0.3319



37.0331, 0.3229, 0.2785



19.0369, 0.3255, 0.3322



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.



38.1560, 0.3606, 0.3397



62.9216, 0.3738, 0.3421



47.0754, 0.3535, 0.3701



10.9187, 0.3285, 0.3329



8.6047, 0.6220, 0.3443



0.4993, 0.5851, 0.3736

Inverse Universe

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



46.7925, 0.2763, 0.3180



80.9332, 0.2692, 0.3154



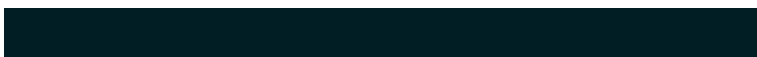
37.3249, 0.2735, 0.2841



11.7540, 0.2984, 0.3250



20.2355, 0.2098, 0.2753



1.0405, 0.2132, 0.2877

Previews

White Background



This preview shows how the Yxy color 38.1542, 0.3606, 0.3397 looks on a white background.

Color Contrast Check

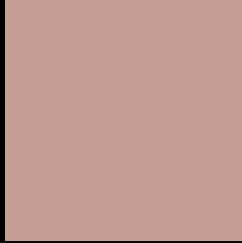
Large Text (above 18pt) WCAG AA × Fail

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 38.1542, 0.3606, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

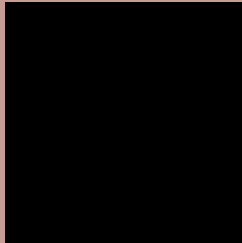
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1542, 0.3606, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 38.1542, 0.3606, 0.3397.



This preview shows how white text looks on a background with the Yxy color 38.1542, 0.3606, 0.3397.

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

38.1542, 0.3606, 0.3397

Protanopia

38.3762, 0.3289, 0.3460

Deuteranopia

38.0985, 0.3526, 0.3453



Tritanopia

38.0065, 0.3465, 0.3136

Trichromacy



Original Color

38.1542, 0.3606, 0.3397

Protanomaly

38.2851, 0.3401, 0.3443

Deuteranomaly

38.1409, 0.3559, 0.3439

Tritanomaly

37.9865, 0.3512, 0.3226

Monochromacy



Original Color

38.1542, 0.3606, 0.3397

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.7078, 0.3297, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1542, 0.3606, 0.3397 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(197, 157, 149)` looks like.

```
.text, #text, p{  
    color:rgb(197, 157, 149)  
}
```

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(197, 157, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 157, 149) }
```

Border

The CSS property to change the border of an element to Yxy 38.1542, 0.3606, 0.3397 is called "border". The border property can be set on classes, ids or directly on the HTML element.

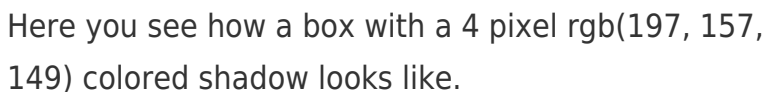
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 157, 149) }
```

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

```
.border{ border-color:rgb(197, 157, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 157, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 157, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 157, 149); box-shadow:4px 4px 4px 4px rgb(197, 157, 149) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1542, 0.3606, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 157, 149) }
```

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

```
.background{ background-color: rgb(197,  
157, 149) }
```

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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