

Converting Colors

$Yxy(38.0088, 0.3652, 0.3504)$

Have a look what the booklet for
Yxy(38.0088, 0.3652, 0.3504)
contains.

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Color

Yxy(38.0088, 0.3652, 0.3504)

Conversions

Conversions Part 1

Format	Color
Hex	C39E8E
RGB	195, 158, 142
RGB Percent	76%, 62%, 56%
CMY	0.2353, 0.3804, 0.4430
CMYK	0.00, 0.19, 0.27, 0.24
HSL	18°, 31%, 66%
HSV	18°, 27%, 76%
XYZ	39.6142, 38.0088, 30.8496
YIQ	167.2390, 27.1880, 2.8680

Conversions

Conversions Part 2

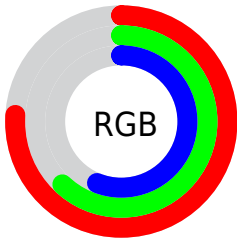
Format	Color
R _Y B	195, 165, 142
Decimal	12820110
CIE Lab	68.03, 11.30, 13.52
CIE LCh	68, 17.617, 50.101
Yxy	38.0088, 0.3652, 0.3504
Android (android.graphics.Color)	4291010190 (0xFFC39E8E)
YUV	167.2390, -12.4428, 24.3464
Hunter-Lab	61.6513, 6.8059, 13.4878

Details

The Yxy color **38.0088, 0.3652, 0.3504** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.9358, 0.2714, 0.3065**, and the grayscale version is **38.8193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2695, 0.3545, 0.3467**, and **16.8635, 0.3807, 0.3565** is the 20% darker color. If you saturate the color by 10%, you get **33.0843, 0.3912, 0.3587**, and if you desaturate by 10%, it is **43.5539, 0.3430, 0.3422**.

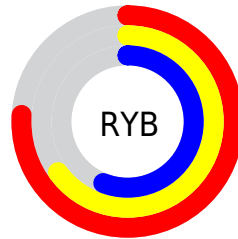
Distribution



Red (76%)

Green (62%)

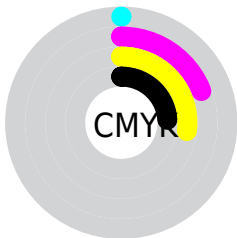
Blue (56%)



Red (76%)

Yellow (65%)

Blue (56%)

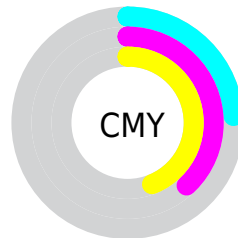


Cyan (0%)

Magenta (19%)

Yellow (27%)

Black (24%)



Cyan (24%)


Magenta (38%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0088, 0.3652, 0.3504 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 38.0088, 0.3652, 0.3504 by changing the saturation by 10% instead.


 38.0088, 0.3652,
0.3504


 38.0088, 0.3652,
0.3504


 337.6577, 0.3379,
0.3399

 25.9895, 0.3724,
0.3529


 72.1216, 0.3550,
0.3466


 16.8158, 0.3818,
0.3561

 94.9840, 0.3513,
0.3452

 10.1032, 0.3947,
0.3602


 122.2294, 0.3481,
0.3440

 5.4675, 0.4133,
0.3656

 154.2424, 0.3454,
0.3429

 2.5241, 0.4425,
0.3726

 191.4074, 0.3431,
0.3420

 0.8886, 0.5584,
0.4306

 234.1086, 0.3412,

 0.0000, 1.0000,

0.3412

0.0000

282.7306, 0.3394,
0.3405

0.0000, 0.0000,
0.0000

38.0088, 0.3652,
0.3504

38.0088, 0.3652,
0.3504

33.0843, 0.3912,
0.3587

43.5539, 0.3430,
0.3422

28.7532, 0.4212,
0.3666

49.7351, 0.3243,
0.3343

24.9937, 0.4549,
0.3732

56.5743, 0.3085,
0.3270

21.7807, 0.4912,
0.3776

64.0902, 0.2952,
0.3202

19.0872, 0.5279,
0.3786

72.3012, 0.2839,
0.3140

■ 16.8835, 0.5617,
0.3751

■ 80.9631, 0.2765,
0.3125

■ 15.1347, 0.5893,
0.3671

■ 89.2690, 0.2777,
0.3271

■ 14.7117, 0.5964,
0.3647

■ 90.3405, 0.2778,
0.3289

Harmonies

Analogous

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



38.0088, 0.3569, 0.3284



38.0088, 0.3652, 0.3504



38.0088, 0.3587, 0.3680

Triad

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



38.0088, 0.3652, 0.3504



38.0088, 0.2886, 0.3518



38.0088, 0.2850, 0.2853

Complementary

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



38.0088, 0.3652, 0.3504



41.9358, 0.2714, 0.3065

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.



38.0088, 0.2682, 0.2894



38.0088, 0.3652, 0.3504



38.0088, 0.2702, 0.3271

Square

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



38.0088, 0.3652, 0.3504



38.0088, 0.3139, 0.3702



38.0088, 0.2629, 0.3042



38.0088, 0.3098, 0.2920

Rectangle

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



38.0088, 0.3652, 0.3504



38.0088, 0.3471, 0.3747



38.0088, 0.2629, 0.3042



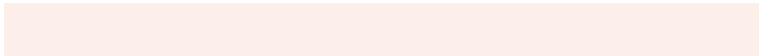
38.0088, 0.2783, 0.2854

Sweetspot

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



38.0106, 0.3652, 0.3504



87.9722, 0.3260, 0.3351



34.2131, 0.3313, 0.2811



18.8806, 0.3287, 0.3362



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.



38.0106, 0.3652, 0.3504



62.3576, 0.3812, 0.3557



48.0000, 0.3565, 0.3836



10.5624, 0.3282, 0.3360



9.6938, 0.5939, 0.3666



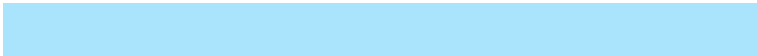
0.5430, 0.5489, 0.4024

Inverse Universe

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



41.9358, 0.2714, 0.3065



70.6165, 0.2620, 0.3004



32.3506, 0.2676, 0.2677



10.8987, 0.2984, 0.3219



14.1877, 0.1969, 0.2286



0.7293, 0.2038, 0.2537

Previews

White Background



This preview shows how the Yxy color 38.0088, 0.3652, 0.3504 looks on a white background.

Color Contrast Check

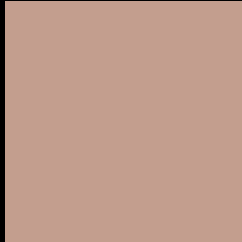
Large Text (above 18pt) WCAG AA × Fail

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 38.0088, 0.3652, 0.3504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

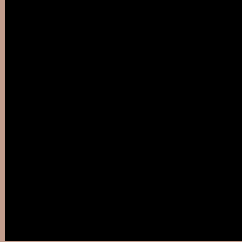
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0088, 0.3652, 0.3504

Background



This preview shows how black text looks on a background with the Yxy color 38.0088, 0.3652, 0.3504.



This preview shows how white text looks on a background with the Yxy color 38.0088, 0.3652, 0.3504.

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

38.0088, 0.3652, 0.3504

Protanopia

38.3464, 0.3381, 0.3573

Deuteranopia

38.1710, 0.3605, 0.3534



Tritanopia

37.8701, 0.3455, 0.3135

Trichromacy



Original Color

38.0088, 0.3652, 0.3504

Protanomaly

38.1838, 0.3477, 0.3540

Deuteranomaly

37.9557, 0.3618, 0.3520

Tritanomaly

37.7473, 0.3532, 0.3265

Monochromacy



Original Color

38.0088, 0.3652, 0.3504

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.3667, 0.3305, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0088, 0.3652, 0.3504 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(195, 158, 142)` looks like.

```
.text, #text, p{  
    color:rgb(195, 158, 142)  
}
```

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(195, 158, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 158, 142) }
```

Border

The CSS property to change the border of an element to Yxy 38.0088, 0.3652, 0.3504 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(195, 158, 142) }
```

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

```
.border{ border-color:rgb(195, 158, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 158, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 158, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 158, 142);  
box-shadow:4px 4px 4px 4px rgb(195, 158,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0088, 0.3652, 0.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 158, 142) }
```

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

```
.background{ background-color: rgb(195,  
158, 142) }
```

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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