

Converting Colors

$Yxy(38.0699, 0.3690, 0.3448)$

Have a look what the booklet for
Yxy(38.0699, 0.3690, 0.3448)
contains.

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Color

Yxy(38.0699, 0.3690, 0.3448)

Conversions

Conversions Part 1

Format	Color
Hex	C89C90
RGB	200, 156, 144
RGB Percent	78%, 61%, 56%
CMY	0.2157, 0.3882, 0.4352
CMYK	0.00, 0.22, 0.28, 0.22
HSL	13°, 34%, 67%
HSV	13°, 28%, 78%
XYZ	40.7419, 38.0699, 31.5998
YIQ	167.7880, 30.0760, 5.5960

Conversions

Conversions Part 2

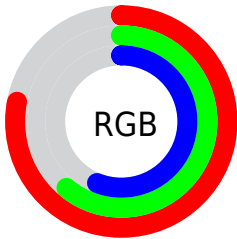
Format	Color
R _Y B	200, 159, 144
Decimal	13147280
CIE Lab	68.07, 14.62, 12.54
CIE LCh	68, 19.257, 40.619
Yxy	38.0699, 0.3690, 0.3448
Android (android.graphics.Color)	4291337360 (0xFFC89C90)
YUV	167.7880, -11.7275, 28.2499
Hunter-Lab	61.7008, 9.8895, 12.8255

Details

The Yxy color **38.0699, 0.3690, 0.3448** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.0761, 0.2708, 0.3125**, and the grayscale version is **39.0976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9257, 0.3558, 0.3425**, and **16.9310, 0.3862, 0.3487** is the 20% darker color. If you saturate the color by 10%, you get **32.5740, 0.3971, 0.3507**, and if you desaturate by 10%, it is **44.3605, 0.3455, 0.3389**.

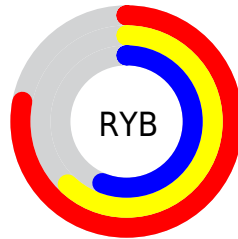
Distribution



Red (78%)

Green (61%)

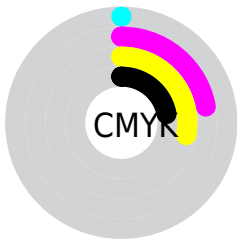
Blue (56%)



Red (78%)

Yellow (62%)

Blue (56%)

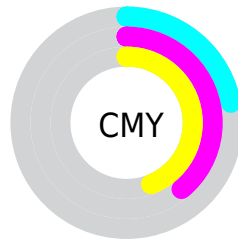


Cyan (0%)

Magenta (22%)

Yellow (28%)

Black (22%)



Cyan (22%)

Magenta (39%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0699, 0.3690, 0.3448 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 38.0699, 0.3690, 0.3448 by changing the saturation by 10% instead.


 38.0699, 0.3690,
0.3448

 38.0699, 0.3690,
0.3448


337.9197, 0.3397,
0.3373

 26.0369, 0.3767,
0.3465


 72.2153, 0.3580,
0.3422

 16.8513, 0.3868,
0.3487


 95.0965, 0.3540,
0.3411

 10.1285, 0.4007,
0.3513


122.3625, 0.3507,
0.3403

 5.4843, 0.4208,
0.3545

154.3979, 0.3478,
0.3395

 2.5341, 0.4523,
0.3580

191.5869, 0.3453,
0.3388

 0.8937, 0.5602,
0.3969

234.3139, 0.3432,

 0.0000, 1.0000,

0.3382

0.0000

282.9634, 0.3413,
0.3377

0.0000, 0.0000,
0.0000

38.0699, 0.3690,
0.3448

38.0699, 0.3690,
0.3448

32.5740, 0.3971,
0.3507

44.3605, 0.3455,
0.3389

27.8358, 0.4299,
0.3562

51.4704, 0.3259,
0.3332

23.8231, 0.4673,
0.3606

59.4297, 0.3097,
0.3280

20.4994, 0.5077,
0.3630

68.2654, 0.2962,
0.3231

17.8248, 0.5480,
0.3624

78.0032, 0.2850,
0.3187

■ 15.7552, 0.5839,
0.3581

■ 88.0725, 0.2802,
0.3240

■ 14.2381, 0.6111,
0.3506

■ 91.0179, 0.2805,
0.3289

■ 13.9904, 0.6158,
0.3492

Harmonies

Analogous

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



38.0699, 0.3551, 0.3207



38.0699, 0.3690, 0.3448



38.0699, 0.3669, 0.3663

Triad

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



38.0699, 0.3690, 0.3448



38.0699, 0.2945, 0.3616



38.0699, 0.2755, 0.2815

Complementary

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



38.0699, 0.3690, 0.3448



46.0761, 0.2708, 0.3125

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.



38.0699, 0.2610, 0.2896



38.0699, 0.3690, 0.3448



38.0699, 0.2715, 0.3356

Square

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



38.0699, 0.3690, 0.3448



38.0699, 0.3231, 0.3778



38.0699, 0.2595, 0.3090



38.0699, 0.3003, 0.2853

Rectangle

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



38.0699, 0.3690, 0.3448



38.0699, 0.3569, 0.3761



38.0699, 0.2595, 0.3090



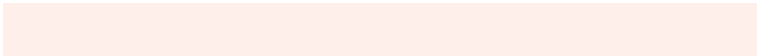
38.0699, 0.2693, 0.2829

Sweetspot

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



38.0717, 0.3690, 0.3448



88.9474, 0.3261, 0.3333



35.9003, 0.3265, 0.2729



18.6168, 0.3289, 0.3342



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.



38.0717, 0.3690, 0.3448



59.5753, 0.3867, 0.3487



48.2434, 0.3598, 0.3788



10.9987, 0.3284, 0.3340



9.0049, 0.6136, 0.3510



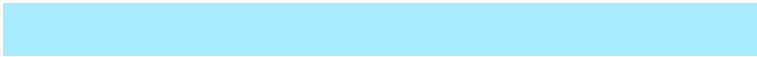
0.5355, 0.5728, 0.3834

Inverse Universe

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



46.0761, 0.2708, 0.3125



75.8283, 0.2617, 0.3082



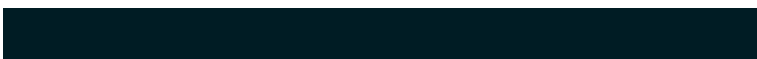
35.5293, 0.2668, 0.2736



11.6675, 0.2984, 0.3239



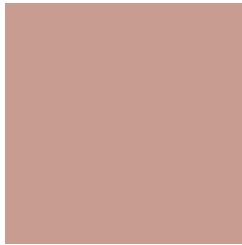
18.1637, 0.2054, 0.2593



0.9590, 0.2099, 0.2755

Previews

White Background



This preview shows how the Yxy color 38.0699, 0.3690, 0.3448 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 38.0699, 0.3690, 0.3448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

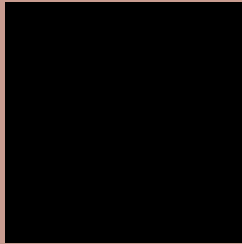
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0699, 0.3690, 0.3448

Background



This preview shows how black text looks on a background with the Yxy color 38.0699, 0.3690, 0.3448.



This preview shows how white text looks on a background with the Yxy color 38.0699, 0.3690, 0.3448.

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

38.0699, 0.3690, 0.3448

Protanopia

38.3266, 0.3344, 0.3531

Deuteranopia

38.0719, 0.3585, 0.3521



Tritanopia

38.0556, 0.3507, 0.3137

Trichromacy



Original Color

38.0699, 0.3690, 0.3448

Protanomaly

38.0145, 0.3470, 0.3498

Deuteranomaly

38.2488, 0.3629, 0.3505

Tritanomaly

37.9630, 0.3575, 0.3253

Monochromacy



Original Color

38.0699, 0.3690, 0.3448

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.7574, 0.3324, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0699, 0.3690, 0.3448 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(200, 156, 144)` looks like.

```
.text, #text, p{  
    color:rgb(200, 156, 144)  
}
```

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(200, 156, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 156, 144) }
```

Border

The CSS property to change the border of an element to Yxy 38.0699, 0.3690, 0.3448 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(200, 156, 144) }
```

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

```
.border{ border-color:rgb(200, 156, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 156, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 156, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 156, 144);  
box-shadow:4px 4px 4px 4px rgb(200, 156,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0699, 0.3690, 0.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 156, 144) }
```

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

```
.background{ background-color: rgb(200,  
156, 144) }
```

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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