

Converting Colors

$Yxy(38.0252, 0.3686, 0.3484)$

Have a look what the booklet for
Yxy(38.0252, 0.3686, 0.3484)
contains.

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Color

Yxy(38.0727, 0.3687, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	C69D8E
RGB	198, 157, 142
RGB Percent	78%, 62%, 56%
CMY	0.2234, 0.3843, 0.4432
CMYK	0.00, 0.21, 0.28, 0.22
HSL	16°, 33%, 67%
HSV	16°, 28%, 78%
XYZ	40.2333, 38.0727, 30.8161
YIQ	167.5490, 29.2510, 4.0270

Conversions

Conversions Part 2

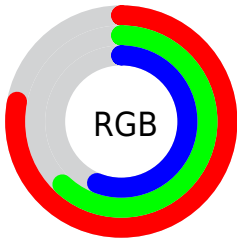
Format	Color
R _Y B	198, 162, 142
Decimal	13016462
CIE Lab	68.07, 13.03, 13.64
CIE LCh	68, 18.868, 46.312
Yxy	38.0727, 0.3687, 0.3489
Android (android.graphics.Color)	4291206542 (0xFFC69D8E)
YUV	167.5490, -12.5957, 26.7055
Hunter-Lab	61.7031, 8.4100, 13.5812

Details

The Yxy color **38.0727, 0.3687, 0.3489** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.7072, 0.2699, 0.3081**, and the grayscale version is **38.9791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.3325, 0.3571, 0.3455**, and **16.9204, 0.3856, 0.3543** is the 20% darker color. If you saturate the color by 10%, you get **32.9125, 0.3958, 0.3563**, and if you desaturate by 10%, it is **43.9245, 0.3457, 0.3416**.

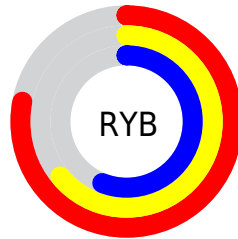
Distribution



Red (78%)

Green (62%)

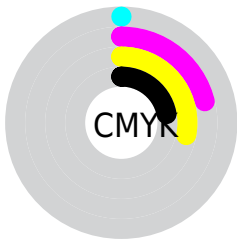
Blue (56%)



Red (78%)

Yellow (64%)

Blue (56%)

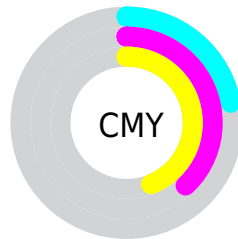


Cyan (0%)

Magenta (21%)

Yellow (28%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0727, 0.3687, 0.3489 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 38.0727, 0.3687, 0.3489 by changing the saturation by 10% instead.


 38.0727, 0.3687,
0.3489


 38.0727, 0.3687,
0.3489


337.9317, 0.3395,
0.3392


 26.0391, 0.3764,
0.3512


 72.2196, 0.3578,
0.3455

 16.8529, 0.3864,
0.3540


 95.1016, 0.3538,
0.3442

 10.1297, 0.4002,
0.3576


 122.3686, 0.3505,
0.3430

 5.4850, 0.4200,
0.3622

154.4050, 0.3476,
0.3421

 2.5346, 0.4511,
0.3677

191.5951, 0.3452,
0.3412

 0.8939, 0.5702,
0.4207

234.3233, 0.3430,

 0.0000, 1.0000,

0.3405

0.0000

282.9741, 0.3412,
0.3398

0.0000, 0.0000,
0.0000

38.0727, 0.3687,
0.3489

38.0727, 0.3687,
0.3489

32.9125, 0.3958,
0.3563

43.9245, 0.3457,
0.3416

28.4127, 0.4273,
0.3632

50.4872, 0.3264,
0.3345

24.5476, 0.4627,
0.3688

57.7857, 0.3102,
0.3279

21.2876, 0.5008,
0.3721

65.8421, 0.2966,
0.3218

18.6004, 0.5389,
0.3720

74.6778, 0.2852,
0.3163

■ 16.4507, 0.5732,
0.3677

■ 83.9331, 0.2786,
0.3173

■ 14.7957, 0.6003,
0.3596

■ 90.7497, 0.2795,
0.3289

■ 14.5572, 0.6045,
0.3582

Harmonies

Analogous

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



38.0727, 0.3579, 0.3253



38.0727, 0.3687, 0.3489



38.0727, 0.3636, 0.3688

Triad

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



38.0727, 0.3687, 0.3489



38.0727, 0.2900, 0.3565



38.0727, 0.2802, 0.2823

Complementary

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



38.0727, 0.3687, 0.3489



43.7072, 0.2699, 0.3081

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.



38.0727, 0.2637, 0.2880



38.0727, 0.3687, 0.3489



38.0727, 0.2692, 0.3303

Square

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



38.0727, 0.3687, 0.3489



38.0727, 0.3175, 0.3748



38.0727, 0.2598, 0.3051



38.0727, 0.3059, 0.2880

Rectangle

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



38.0727, 0.3687, 0.3489



38.0727, 0.3522, 0.3770



38.0727, 0.2598, 0.3051



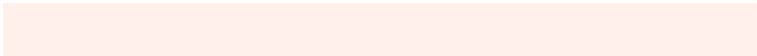
38.0727, 0.2735, 0.2829

Sweetspot

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



38.0745, 0.3687, 0.3489



89.5913, 0.3260, 0.3344



34.7761, 0.3304, 0.2767



18.7779, 0.3288, 0.3354



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.



38.0745, 0.3687, 0.3489



61.5829, 0.3851, 0.3535



48.6412, 0.3592, 0.3838



11.0912, 0.3283, 0.3352



9.5860, 0.6022, 0.3600



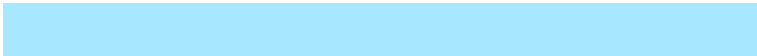
0.5772, 0.5599, 0.3937

Inverse Universe

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



43.7072, 0.2699, 0.3081



73.1727, 0.2610, 0.3028



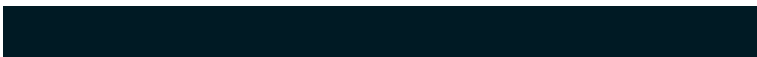
33.2940, 0.2657, 0.2674



11.5686, 0.2984, 0.3227



15.9669, 0.2002, 0.2405



0.8707, 0.2059, 0.2611

Previews

White Background



This preview shows how the Yxy color 38.0727, 0.3687, 0.3489 looks on a white background.

Color Contrast Check

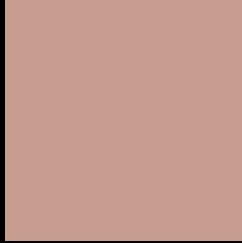
Large Text (above 18pt) WCAG AA × Fail

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 38.0727, 0.3687, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

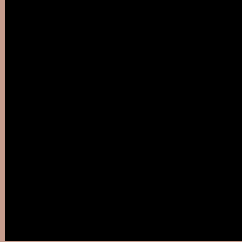
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0727, 0.3687, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 38.0727, 0.3687, 0.3489.



This preview shows how white text looks on a background with the Yxy color 38.0727, 0.3687, 0.3489.

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

38.0727, 0.3687, 0.3489

Protanopia

38.3464, 0.3381, 0.3573

Deuteranopia

38.1411, 0.3615, 0.3547



Tritanopia

38.2453, 0.3495, 0.3150

Trichromacy



Original Color

38.0727, 0.3687, 0.3489

Protanomaly

38.3060, 0.3487, 0.3539

Deuteranomaly

38.1887, 0.3649, 0.3532

Tritanomaly

38.1564, 0.3562, 0.3265

Monochromacy



Original Color

38.0727, 0.3687, 0.3489

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.6378, 0.3315, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0727, 0.3687, 0.3489 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(198, 157, 142)` looks like.

```
.text, #text, p{  
    color:rgb(198, 157, 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(198, 157, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 157, 142) }
```

Border

The CSS property to change the border of an element to Yxy 38.0727, 0.3687, 0.3489 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(198, 157, 142) }
```

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

```
.border{ border-color:rgb(198, 157, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 157, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 157, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 157, 142);  
box-shadow:4px 4px 4px 4px rgb(198, 157,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0727, 0.3687, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 157, 142) }
```

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

```
.background{ background-color: rgb(198,  
157, 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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