

Converting Colors

$Yxy(38.6917, 0.3740, 0.3567)$

Have a look what the booklet for
Yxy(38.6917, 0.3740, 0.3567)
contains.

Yxy(38.7734, 0.3729, 0.3567)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.7734, 0.3729, 0.3567)

Conversions

Conversions Part 1

Format	Color
Hex	C79F8A
RGB	199, 159, 138
RGB Percent	78%, 62%, 54%
CMY	0.2197, 0.3764, 0.4588
CMYK	0.00, 0.20, 0.31, 0.22
HSL	21°, 35%, 66%
HSV	21°, 31%, 78%
XYZ	40.5343, 38.7734, 29.3926
YIQ	168.5660, 30.5810, 1.9490

Conversions

Conversions Part 2

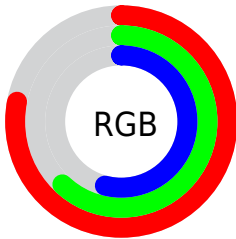
Format	Color
RYB	199, 170, 138
Decimal	13082506
CIELab	68.59, 11.76, 16.58
CIELCh	69, 20.327, 54.662
Yxy	38.7734, 0.3729, 0.3567
Android (android.graphics.Color)	4291272586 (0xFFC79F8A)
YUV	168.5660, -15.0690, 26.6906
Hunter-Lab	62.2683, 7.2274, 15.6011

Details

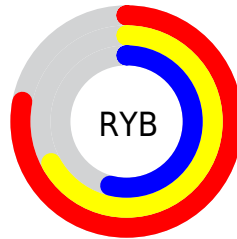
The Yxy color **38.7734, 0.3729, 0.3567** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.3528, 0.2657, 0.2994**, and the grayscale version is **39.5154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1147, 0.3604, 0.3527**, and **17.3590, 0.3914, 0.3648** is the 20% darker color. If you saturate the color by 10%, you get **33.9990, 0.3994, 0.3661**, and if you desaturate by 10%, it is **44.1302, 0.3500, 0.3473**.

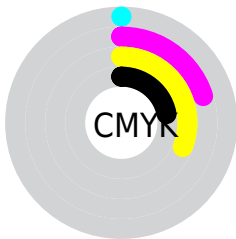
Distribution



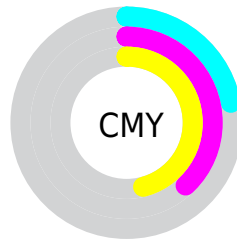
- Red (78%)
- Green (62%)
- Blue (54%)



- Red (78%)
- Yellow (67%)
- Blue (54%)



- Cyan (0%)
- Magenta (20%)
- Yellow (31%)
- Black (22%)




- Cyan (22%)
- Magenta (38%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7734, 0.3729, 0.3567 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 38.7734, 0.3729, 0.3567 by changing the saturation by 10% instead.


 38.7734, 0.3729,
0.3567


 38.7734, 0.3729,
0.3567


340.9261, 0.3417,
0.3431

 26.5835, 0.3810,
0.3599


 73.2920, 0.3613,
0.3519

 17.2607, 0.3917,
0.3640


 96.3895, 0.3570,
0.3500

 10.4205, 0.4061,
0.3691


 123.8917, 0.3534,
0.3484

 5.6786, 0.4268,
0.3758

156.1829, 0.3504,
0.3471

 2.6507, 0.4585,
0.3841

193.6476, 0.3477,
0.3459

 0.9522, 0.5658,
0.4342

236.6700, 0.3454,

 0.0000, 1.0000,

0.3449

0.0000

285.6348, 0.3434,
0.3439

0.0000, 0.0000,
0.0000

38.7734, 0.3729,
0.3567

38.7734, 0.3729,
0.3567

33.9990, 0.3994,
0.3661

44.1302, 0.3500,
0.3473

29.7813, 0.4296,
0.3747

50.0834, 0.3304,
0.3381

26.1003, 0.4627,
0.3817


56.6530, 0.3137,
0.3295


22.9329, 0.4975,
0.3859

63.8567, 0.2996,
0.3216


20.2539, 0.5316,
0.3861


71.7112, 0.2875,
0.3142

 18.0353, 0.5621,
0.3813

 80.0780, 0.2786,
0.3100

 16.3423, 0.5857,
0.3732

 87.9173, 0.2796,
0.3240

 90.8790, 0.2800,
0.3289

Harmonies

Analogous

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



38.7734, 0.3660, 0.3320



38.7734, 0.3729, 0.3567



38.7734, 0.3628, 0.3758

Triad

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



38.7734, 0.3729, 0.3567



38.7734, 0.2812, 0.3511



38.7734, 0.2848, 0.2797

Complementary

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



38.7734, 0.3729, 0.3567



41.3528, 0.2657, 0.2994

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.



38.7734, 0.2641, 0.2822



38.7734, 0.3729, 0.3567



38.7734, 0.2620, 0.3222

Square

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



38.7734, 0.3729, 0.3567



38.7734, 0.3093, 0.3741



38.7734, 0.2560, 0.2971



38.7734, 0.3139, 0.2890

Rectangle

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



38.7734, 0.3729, 0.3567



38.7734, 0.3482, 0.3823



38.7734, 0.2560, 0.2971



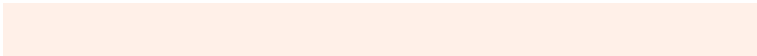
38.7734, 0.2767, 0.2791

Sweetspot

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



38.7752, 0.3729, 0.3567



89.3849, 0.3277, 0.3368



33.5571, 0.3364, 0.2771



18.7830, 0.3303, 0.3381



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.



38.7752, 0.3729, 0.3567



62.0330, 0.3908, 0.3632



50.2897, 0.3620, 0.3932



11.2246, 0.3281, 0.3370



10.6592, 0.5832, 0.3751



0.6400, 0.5425, 0.4074

Inverse Universe

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



41.3528, 0.2657, 0.2994



67.2623, 0.2555, 0.2916



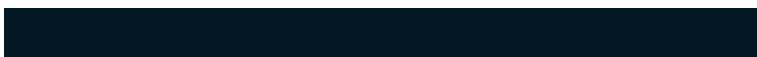
30.7573, 0.2607, 0.2553



11.4283, 0.2984, 0.3209



13.1588, 0.1926, 0.2133



0.7543, 0.2001, 0.2402

Previews

White Background



This preview shows how the Yxy color 38.7734, 0.3729, 0.3567 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 38.7734, 0.3729, 0.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

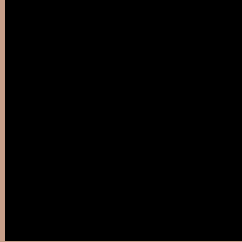
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7734, 0.3729, 0.3567

Background



This preview shows how black text looks on a background with the Yxy color 38.7734, 0.3729, 0.3567.



This preview shows how white text looks on a background with the Yxy color 38.7734, 0.3729, 0.3567.

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

38.7734, 0.3729, 0.3567

Protanopia

38.8205, 0.3435, 0.3642

Deuteranopia

38.7941, 0.3671, 0.3598



Tritanopia

38.7893, 0.3483, 0.3138

Trichromacy



Original Color

38.7734, 0.3729, 0.3567

Protanomaly

38.6644, 0.3531, 0.3607

Deuteranomaly

38.7124, 0.3695, 0.3583

Tritanomaly

38.5947, 0.3580, 0.3291

Monochromacy



Original Color

38.7734, 0.3729, 0.3567

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.0822, 0.3332, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7734, 0.3729, 0.3567 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(199, 159, 138)` looks like.

```
.text, #text, p{  
    color:rgb(199, 159, 138)  
}
```

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(199, 159, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 159, 138) }
```

Border

The CSS property to change the border of an element to Yxy 38.7734, 0.3729, 0.3567 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(199, 159, 138) }
```

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

```
.border{ border-color:rgb(199, 159, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 159, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 159, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 159, 138); box-shadow:4px 4px 4px 4px rgb(199, 159, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7734, 0.3729, 0.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 159, 138) }
```

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

```
.background{ background-color: rgb(199,  
159, 138) }
```

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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