

Converting Colors

$Yxy(38.1183, 0.3770, 0.3563)$

Have a look what the booklet for
Yxy(38.1183, 0.3770, 0.3563)
contains.

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Color

Yxy(38.1709, 0.3767, 0.3566)

Conversions

Conversions Part 1

Format	Color
Hex	C89D88
RGB	200, 157, 136
RGB Percent	78%, 62%, 53%
CMY	0.2157, 0.3843, 0.4665
CMYK	0.00, 0.21, 0.32, 0.22
HSL	20°, 37%, 66%
HSV	20°, 32%, 78%
XYZ	40.3224, 38.1709, 28.5479
YIQ	167.4630, 32.3690, 2.5850

Conversions

Conversions Part 2

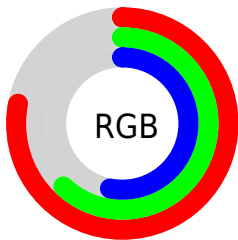
Format	Color
R _Y B	200, 167, 136
Decimal	13147528
CIE Lab	68.15, 13.00, 17.07
CIE LCh	68, 21.458, 52.716
Yxy	38.1709, 0.3767, 0.3566
Android (android.graphics.Color)	4291337608 (0xFFC89D88)
YUV	167.4630, -15.5113, 28.5349
Hunter-Lab	61.7826, 8.3785, 15.8517

Details

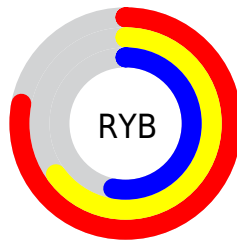
The Yxy color **38.1709, 0.3767, 0.3566** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.6615, 0.2639, 0.2995**, and the grayscale version is **38.9487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0211, 0.3623, 0.3528**, and **16.9997, 0.3971, 0.3646** is the 20% darker color. If you saturate the color by 10%, you get **33.3540, 0.4041, 0.3655**, and if you desaturate by 10%, it is **43.5981, 0.3530, 0.3476**.

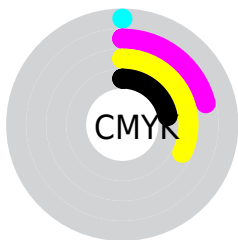
Distribution



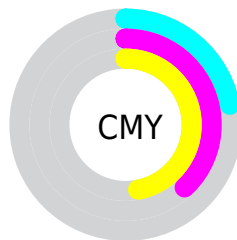
- Red (78%)
- Green (62%)
- Blue (53%)



- Red (78%)
- Yellow (65%)
- Blue (53%)



- Cyan (0%)
- Magenta (21%)
- Yellow (32%)
- Black (22%)





- Cyan (22%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1709, 0.3767, 0.3566 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 38.1709, 0.3767, 0.3566 by changing the saturation by 10% instead.


 38.1709, 0.3767,
0.3566


 38.1709, 0.3767,
0.3566


338.3525, 0.3434,
0.3432

 26.1154, 0.3854,
0.3598


 72.3700, 0.3643,
0.3518

 16.9100, 0.3968,
0.3637


 95.2824, 0.3597,
0.3500

 10.1703, 0.4123,
0.3687


 122.5824, 0.3559,
0.3484

 5.5120, 0.4345,
0.3749

154.6546, 0.3527,
0.3471

 2.5507, 0.4685,
0.3824

191.8833, 0.3499,
0.3459

 0.9019, 0.5750,
0.4250

234.6530, 0.3474,

 0.0000, 1.0000,

0.3449

0.0000

283.3479, 0.3453,
0.3440

0.0000, 0.0000,
0.0000

38.1709, 0.3767,
0.3566

38.1709, 0.3767,
0.3566

33.3540, 0.4041,
0.3655

43.5981, 0.3530,
0.3476

29.1200, 0.4352,
0.3735

49.6512, 0.3329,
0.3388

25.4472, 0.4694,
0.3798


56.3517, 0.3158,
0.3306

22.3104, 0.5051,
0.3832


63.7185, 0.3013,
0.3229


19.6822, 0.5397,
0.3824


71.7698, 0.2891,
0.3159

 17.5321, 0.5700,
0.3768

 80.4561, 0.2792,
0.3105

 16.1242, 0.5901,
0.3696

 88.5649, 0.2802,
0.3248

 91.0195, 0.2805,
0.3289

Harmonies

Analogous

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



38.1709, 0.3682, 0.3303



38.1709, 0.3767, 0.3566



38.1709, 0.3670, 0.3776

Triad

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



38.1709, 0.3767, 0.3566



38.1709, 0.2810, 0.3544



38.1709, 0.2813, 0.2766

Complementary

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



38.1709, 0.3767, 0.3566



41.6615, 0.2639, 0.2995

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.



38.1709, 0.2602, 0.2800



38.1709, 0.3767, 0.3566



38.1709, 0.2600, 0.3237

Square

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



38.1709, 0.3767, 0.3566



38.1709, 0.3111, 0.3782



38.1709, 0.2526, 0.2965



38.1709, 0.3118, 0.2857

Rectangle

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



38.1709, 0.3767, 0.3566



38.1709, 0.3520, 0.3852



38.1709, 0.2526, 0.2965



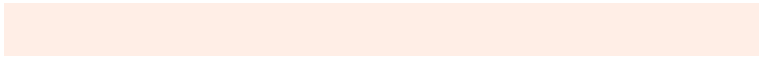
38.1709, 0.2730, 0.2763

Sweetspot

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



38.1727, 0.3767, 0.3566



88.0117, 0.3295, 0.3373



33.1828, 0.3366, 0.2735



18.4976, 0.3321, 0.3385



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.



38.1727, 0.3767, 0.3566



60.4990, 0.3943, 0.3625



50.1416, 0.3646, 0.3948



11.1953, 0.3281, 0.3366



10.3991, 0.5876, 0.3717



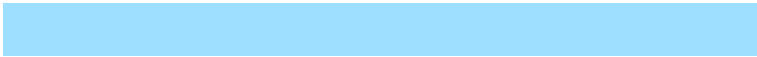
0.6255, 0.5463, 0.4044

Inverse Universe

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



41.6615, 0.2639, 0.2995



67.4021, 0.2543, 0.2924



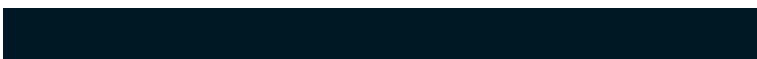
30.5128, 0.2583, 0.2531



11.4589, 0.2984, 0.3213



13.7402, 0.1942, 0.2193



0.7788, 0.2013, 0.2448

Previews

White Background



This preview shows how the Yxy color 38.1709, 0.3767, 0.3566 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 38.1709, 0.3767, 0.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

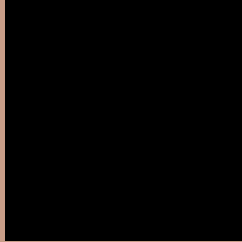
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1709, 0.3767, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 38.1709, 0.3767, 0.3566.



This preview shows how white text looks on a background with the Yxy color 38.1709, 0.3767, 0.3566.

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

38.1709, 0.3767, 0.3566

Protanopia

38.2798, 0.3445, 0.3659

Deuteranopia

38.2283, 0.3694, 0.3627



Tritanopia

38.1956, 0.3517, 0.3138

Trichromacy



Original Color

38.1709, 0.3767, 0.3566

Protanomaly

38.2488, 0.3553, 0.3622

Deuteranomaly

38.2813, 0.3728, 0.3610

Tritanomaly

38.0009, 0.3616, 0.3291

Monochromacy



Original Color

38.1709, 0.3767, 0.3566

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.1784, 0.3344, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1709, 0.3767, 0.3566 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, 157, 136)` looks like.

```
.text, #text, p{  
    color:rgb(200, 157, 136)  
}
```

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, 157, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 157, 136) }
```

Border

The CSS property to change the border of an element to Yxy 38.1709, 0.3767, 0.3566 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, 157, 136) }
```

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

```
.border{ border-color:rgb(200, 157, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 157, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 157, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 157, 136);  
box-shadow:4px 4px 4px 4px rgb(200, 157,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1709, 0.3767, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 157, 136) }
```

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

```
.background{ background-color: rgb(200,  
157, 136) }
```

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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