

Converting Colors

$Yxy(39.1503, 0.3605, 0.3585)$

Have a look what the booklet for
Yxy(39.1503, 0.3605, 0.3585)
contains.

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Color

Yxy(39.1938, 0.3605, 0.3587)

Conversions

Conversions Part 1

Format	Color
Hex	BFA38D
RGB	191, 163, 141
RGB Percent	75%, 64%, 55%
CMY	0.2510, 0.3608, 0.4471
CMYK	0.00, 0.15, 0.26, 0.25
HSL	26°, 28%, 65%
HSV	26°, 26%, 75%
XYZ	39.3905, 39.1938, 30.6820
YIQ	168.8640, 23.7500, -0.9060

Conversions

Conversions Part 2

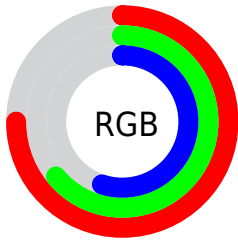
Format	Color
R _Y B	191, 180, 141
Decimal	12559245
CIE Lab	68.89, 6.87, 15.24
CIE LCh	69, 16.721, 65.740
Yxy	39.1938, 0.3605, 0.3587
Android (android.graphics.Color)	4290749325 (0xFFBFA38D)
YUV	168.8640, -13.7370, 19.4133
Hunter-Lab	62.6050, 2.7519, 14.7661

Details

The Yxy color **39.1938, 0.3605, 0.3587** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.7933, 0.2719, 0.2973**, and the grayscale version is **39.6663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0394, 0.3511, 0.3531**, and **17.4426, 0.3754, 0.3660** is the 20% darker color. If you saturate the color by 10%, you get **35.0373, 0.3837, 0.3706**, and if you desaturate by 10%, it is **43.7730, 0.3401, 0.3469**.

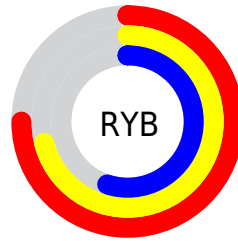
Distribution



Red (75%)

Green (64%)

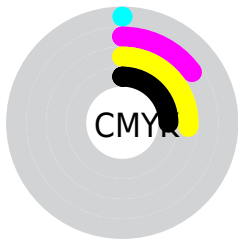
Blue (55%)



Red (75%)

Yellow (71%)

Blue (55%)

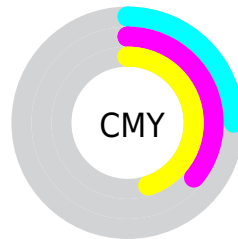


Cyan (0%)

Magenta (15%)

Yellow (26%)

Black (25%)



Cyan (25%)


Magenta (36%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1938, 0.3605, 0.3587 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 39.1938, 0.3605, 0.3587 by changing the saturation by 10% instead.


 39.1938, 0.3605,
0.3587


 39.1938, 0.3605,
0.3587

342.7137, 0.3358,
0.3438


 26.9105, 0.3669,
0.3624


 73.9343, 0.3513,
0.3533

 17.5060, 0.3753,
0.3671


 97.1603, 0.3480,
0.3513

 10.5959, 0.3867,
0.3733


 124.8026, 0.3451,
0.3495

 5.7958, 0.4029,
0.3818

157.2458, 0.3427,
0.3481

 2.7213, 0.4279,
0.3937

194.8740, 0.3406,
0.3468

 0.9880, 0.5323,
0.4649

238.0719, 0.3388,

 0.0000, 1.0000,

0.3457

0.0000

287.2236, 0.3372,
0.3447

0.0000, 0.0000,
0.0000

39.1938, 0.3605,
0.3587

39.1938, 0.3605,
0.3587

35.0373, 0.3837,
0.3706

43.7730, 0.3401,
0.3469

31.2852, 0.4097,
0.3821

48.7817, 0.3224,
0.3356

27.9256, 0.4381,
0.3923

54.2336, 0.3071,
0.3251

24.9438, 0.4680,
0.4002

60.1398, 0.2939,
0.3152

22.3241, 0.4980,
0.4043

66.5113, 0.2825,
0.3062

■ 20.0491, 0.5260,
0.4037

■ 73.3205, 0.2730,
0.2985

■ 18.0988, 0.5500,
0.3977

■ 79.3575, 0.2741,
0.3104

■ 17.4308, 0.5585,
0.3947

■ 85.7642, 0.2751,
0.3220

■ 89.8169, 0.2757,
0.3289

Harmonies

Analogous

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



39.1938, 0.3600, 0.3395



39.1938, 0.3605, 0.3587



39.1938, 0.3478, 0.3710

Triad

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



39.1938, 0.3605, 0.3587



39.1938, 0.2799, 0.3386



39.1938, 0.2982, 0.2899

Complementary

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



39.1938, 0.3605, 0.3587



37.7933, 0.2719, 0.2973

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.



39.1938, 0.2779, 0.2884



39.1938, 0.3605, 0.3587



39.1938, 0.2677, 0.3154

Square

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



39.1938, 0.3605, 0.3587



39.1938, 0.3010, 0.3598



39.1938, 0.2670, 0.2973



39.1938, 0.3232, 0.3009

Rectangle

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



39.1938, 0.3605, 0.3587



39.1938, 0.3338, 0.3730



39.1938, 0.2670, 0.2973



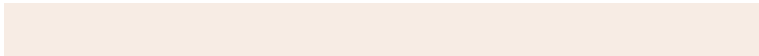
39.1938, 0.2906, 0.2883

Sweetspot

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



39.1956, 0.3605, 0.3587



85.5633, 0.3257, 0.3378



32.9992, 0.3373, 0.2914



18.4826, 0.3283, 0.3395



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.1956, 0.3605, 0.3587



66.1548, 0.3724, 0.3650



48.8249, 0.3527, 0.3896



10.2089, 0.3278, 0.3391



11.6097, 0.5562, 0.3965



0.5852, 0.5154, 0.4290

Inverse Universe

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



37.7933, 0.2719, 0.2973



63.2460, 0.2636, 0.2898



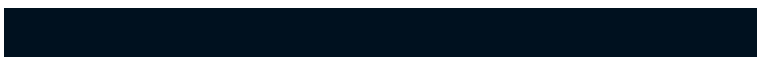
29.4666, 0.2685, 0.2602



10.0873, 0.2984, 0.3187



9.5339, 0.1833, 0.1800



0.5017, 0.1942, 0.2192

Previews

White Background



This preview shows how the Yxy color 39.1938, 0.3605, 0.3587 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 39.1938, 0.3605, 0.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

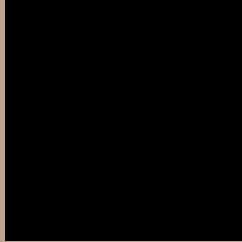
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1938, 0.3605, 0.3587

Background



This preview shows how black text looks on a background with the Yxy color 39.1938, 0.3605, 0.3587.



This preview shows how white text looks on a background with the Yxy color 39.1938, 0.3605, 0.3587.

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

39.1938, 0.3605, 0.3587

Protanopia

39.3355, 0.3433, 0.3640

Deuteranopia

39.2331, 0.3638, 0.3571



Tritanopia

39.3387, 0.3367, 0.3135

Trichromacy



Original Color

39.1938, 0.3605, 0.3587

Protanomaly

39.1705, 0.3496, 0.3622

Deuteranomaly

39.1012, 0.3628, 0.3572

Tritanomaly

39.1490, 0.3460, 0.3291

Monochromacy



Original Color

39.1938, 0.3605, 0.3587

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.4877, 0.3291, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1938, 0.3605, 0.3587 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(191, 163, 141)` looks like.

```
.text, #text, p{  
    color:rgb(191, 163, 141)  
}
```

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(191, 163, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 163, 141) }
```

Border

The CSS property to change the border of an element to Yxy 39.1938, 0.3605, 0.3587 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(191, 163, 141) }
```

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

```
.border{ border-color:rgb(191, 163, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 163, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 163, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 163, 141);  
box-shadow:4px 4px 4px 4px rgb(191, 163,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1938, 0.3605, 0.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 163, 141) }
```

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

```
.background{ background-color: rgb(191,  
163, 141) }
```

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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