

Converting Colors

$Yxy(38.3087, 0.3698, 0.3690)$

Have a look what the booklet for
Yxy(38.3087, 0.3698, 0.3690)
contains.

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Color

Yxy(38.2320, 0.3699, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	BFA184
RGB	191, 161, 132
RGB Percent	75%, 63%, 52%
CMY	0.2509, 0.3686, 0.4824
CMYK	0.00, 0.16, 0.31, 0.25
HSL	29°, 32%, 63%
HSV	29°, 31%, 75%
XYZ	38.3981, 38.2320, 27.1766
YIQ	166.6640, 27.1890, -2.6590

Conversions

Conversions Part 2

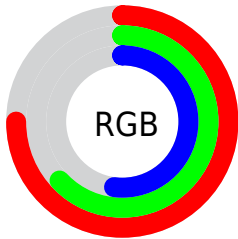
Format	Color
R_{YB}	191, 189, 132
Decimal	12558724
CIE Lab	68.19, 6.73, 19.23
CIE LCh	68, 20.377, 70.712
Yxy	38.2320, 0.3699, 0.3683
Android (android.graphics.Color)	4290748804 (0xFFBFA184)
YUV	166.6640, -17.0894, 21.3427
Hunter-Lab	61.8320, 2.6436, 17.2231

Details

The Yxy color **38.2320, 0.3699, 0.3683** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.5063, 0.2639, 0.2861**, and the grayscale version is **38.5473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.5710, 0.3589, 0.3616**, and **17.0794, 0.3882, 0.3808** is the 20% darker color. If you saturate the color by 10%, you get **34.4940, 0.3934, 0.3814**, and if you desaturate by 10%, it is **42.3330, 0.3489, 0.3551**.

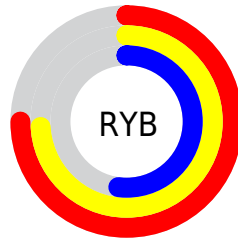
Distribution



Red (75%)

Green (63%)

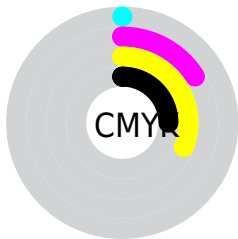
Blue (52%)



Red (75%)

Yellow (74%)

Blue (52%)

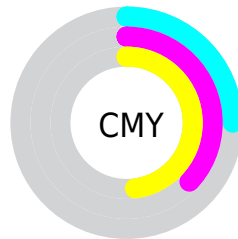


Cyan (0%)

Magenta (16%)

Yellow (31%)

Black (25%)



Cyan (25%)


Magenta (37%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2320, 0.3699, 0.3683 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 38.2320, 0.3699, 0.3683 by changing the saturation by 10% instead.


 38.2320, 0.3699,
0.3683


 38.2320, 0.3699,
0.3683


338.6141, 0.3403,
0.3486

 26.1628, 0.3776,
0.3732


 72.4636, 0.3589,
0.3611

 16.9455, 0.3876,
0.3794


 95.3948, 0.3549,
0.3584

 10.1956, 0.4011,
0.3875


 122.7154, 0.3514,
0.3562

 5.5289, 0.4203,
0.3985

154.8099, 0.3485,
0.3542

 2.5608, 0.4494,
0.4136

192.0626, 0.3460,
0.3525

 0.9070, 0.5342,
0.4658

234.8580, 0.3439,

 0.0000, 0.0000,

0.3510

0.0000

283.5803, 0.3420,
0.3497

■ 38.2320, 0.3699,
0.3683

■ 38.2320, 0.3699,
0.3683

■ 34.4940, 0.3934,
0.3814

■ 42.3330, 0.3489,
0.3551

■ 31.1025, 0.4191,
0.3937

■ 46.8024, 0.3303,
0.3423

■ 28.0474, 0.4464,
0.4041


■ 51.6519, 0.3141,
0.3301

■ 25.3158, 0.4742,
0.4115

■ 56.8912, 0.2999,
0.3187

■ 22.8939, 0.5009,
0.4146

■ 62.5296, 0.2876,
0.3082


 20.7661, 0.5247,
0.4125

 68.5760, 0.2769,
0.2985

 19.0656, 0.5435,
0.4066

 74.3312, 0.2732,
0.3006

 79.8571, 0.2742,
0.3113

 85.6886, 0.2751,
0.3219

Harmonies

Analogous

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



38.2320, 0.3723, 0.3456



38.2320, 0.3699, 0.3683



38.2320, 0.3517, 0.3819

Triad

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



38.2320, 0.3699, 0.3683



38.2320, 0.2692, 0.3358



38.2320, 0.2996, 0.2830

Complementary

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



38.2320, 0.3699, 0.3683



34.5063, 0.2639, 0.2861

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.



38.2320, 0.2735, 0.2789



38.2320, 0.3699, 0.3683



38.2320, 0.2566, 0.3077

Square

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



38.2320, 0.3699, 0.3683



38.2320, 0.2934, 0.3634



38.2320, 0.2582, 0.2873



38.2320, 0.3306, 0.2979

Rectangle

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



38.2320, 0.3699, 0.3683



38.2320, 0.3336, 0.3830



38.2320, 0.2582, 0.2873



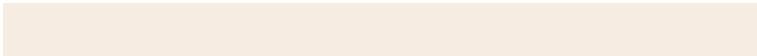
38.2320, 0.2900, 0.2803

Sweetspot

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



38.2338, 0.3699, 0.3683



85.2876, 0.3273, 0.3400



30.2011, 0.3463, 0.2881



18.4562, 0.3298, 0.3419



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.



38.2338, 0.3699, 0.3683



63.9197, 0.3853, 0.3771



49.5873, 0.3591, 0.4040



10.2898, 0.3276, 0.3403



12.6871, 0.5414, 0.4083



0.6279, 0.5047, 0.4374

Inverse Universe

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



34.5063, 0.2639, 0.2861



56.2006, 0.2532, 0.2751



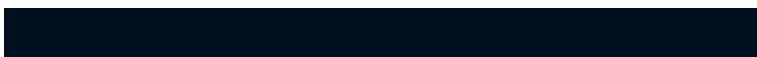
25.4304, 0.2588, 0.2410



10.0057, 0.2984, 0.3174



8.2664, 0.1785, 0.1626



0.4545, 0.1905, 0.2057

Previews

White Background



This preview shows how the Yxy color 38.2320, 0.3699, 0.3683 looks on a white background.

Color Contrast Check

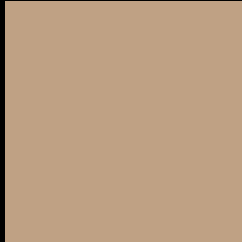
Large Text (above 18pt) WCAG AA × Fail

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 38.2320, 0.3699, 0.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

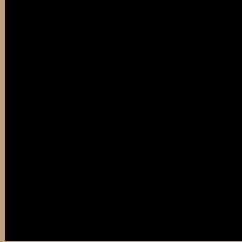
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.2320, 0.3699, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 38.2320, 0.3699, 0.3683.



This preview shows how white text looks on a background with the Yxy color 38.2320, 0.3699, 0.3683.

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

38.2320, 0.3699, 0.3683

Protanopia

38.2238, 0.3510, 0.3743

Deuteranopia

38.2769, 0.3733, 0.3666



Tritanopia

38.2062, 0.3401, 0.3134

Trichromacy



Original Color

38.2320, 0.3699, 0.3683

Protanomaly

38.0681, 0.3576, 0.3723

Deuteranomaly

38.1450, 0.3723, 0.3667

Tritanomaly

38.2896, 0.3514, 0.3331

Monochromacy



Original Color

38.2320, 0.3699, 0.3683

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.4735, 0.3330, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2320, 0.3699, 0.3683 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, 161, 132)` looks like.

```
.text, #text, p{  
    color:rgb(191, 161, 132)  
}
```

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, 161, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 161, 132) }
```

Border

The CSS property to change the border of an element to Yxy 38.2320, 0.3699, 0.3683 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, 161, 132) }
```

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

```
.border{ border-color:rgb(191, 161, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 161, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 161, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 161, 132);  
box-shadow:4px 4px 4px 4px rgb(191, 161,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2320, 0.3699, 0.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 161, 132) }
```

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

```
.background{ background-color: rgb(191,  
161, 132) }
```

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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