

Converting Colors

$Yxy(38.8483, 0.3698, 0.3741)$

Have a look what the booklet for
Yxy(38.8483, 0.3698, 0.3741)
contains.

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Color

Yxy(38.7532, 0.3700, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	BEA382
RGB	190, 163, 130
RGB Percent	75%, 64%, 51%
CMY	0.2547, 0.3608, 0.4902
CMYK	0.00, 0.14, 0.32, 0.25
HSL	33°, 32%, 63%
HSV	33°, 32%, 75%
XYZ	38.3695, 38.7532, 26.5787
YIQ	167.3110, 26.6850, -4.5390

Conversions

Conversions Part 2

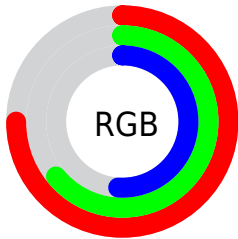
Format	Color
RYB	179, 190, 130
Decimal	12493698
CIELab	68.57, 5.00, 20.82
CIELCh	69, 21.412, 76.503
Yxy	38.7532, 0.3700, 0.3737
Android (android.graphics.Color)	4290683778 (0xFFBEA382)
YUV	167.3110, -18.3943, 19.8983
Hunter-Lab	62.2521, 1.0786, 18.2624

Details

The Yxy color $38.7532, 0.3700, 0.3737$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $32.5994, 0.2622, 0.2796$, and the grayscale version is $38.8877, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.3359, 0.3590, 0.3658$, and $17.1823, 0.3888, 0.3864$ is the 20% darker color. If you saturate the color by 10%, you get $35.3524, 0.3924, 0.3882$, and if you desaturate by 10%, it is $42.4578, 0.3496, 0.3590$.

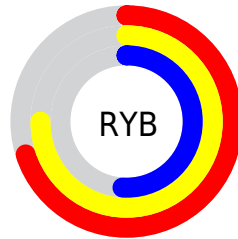
Distribution



Red (75%)

Green (64%)

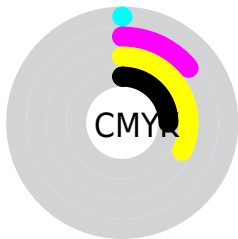
Blue (51%)



Red (70%)

Yellow (75%)

Blue (51%)

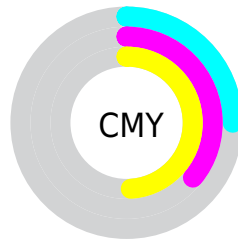


Cyan (0%)

Magenta (14%)

Yellow (32%)

Black (25%)



Cyan (25%)


Magenta (36%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.7532, 0.3700, 0.3737 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 38.7532, 0.3700, 0.3737 by changing the saturation by 10% instead.


 38.7532, 0.3700,
0.3737


 38.7532, 0.3700,
0.3737


340.8401, 0.3405,
0.3512


 26.5678, 0.3776,
0.3793


 73.2611, 0.3591,
0.3655

 17.2489, 0.3875,
0.3864


 96.3525, 0.3550,
0.3624

 10.4121, 0.4007,
0.3958


 123.8479, 0.3516,
0.3598

 5.6730, 0.4193,
0.4084

156.1318, 0.3487,
0.3576

 2.6473, 0.4475,
0.4264

193.5885, 0.3462,
0.3557

 0.9505, 0.5219,
0.4781

236.6026, 0.3441,

 0.0000, 0.0000,

0.3540

0.0000

285.5583, 0.3422,
0.3525

■ 38.7532, 0.3700,
0.3737

■ 38.7532, 0.3700,
0.3737

■ 35.3524, 0.3924,
0.3882

■ 42.4578, 0.3496,
0.3590

■ 32.2407, 0.4166,
0.4017

■ 46.4695, 0.3313,
0.3447

■ 29.4101, 0.4417,
0.4132

■ 50.7984, 0.3151,
0.3311

■ 26.8499, 0.4668,
0.4216

■ 55.4525, 0.3008,
0.3183

■ 24.5484, 0.4905,
0.4257

■ 60.4393, 0.2883,
0.3064

■ 22.4923, 0.5113,
0.4245

■ 65.7661, 0.2773,
0.2955

■ 20.9356, 0.5265,
0.4201

■ 70.9116, 0.2720,
0.2937

■ 75.6020, 0.2729,
0.3033

■ 80.5272, 0.2737,
0.3128

Harmonies

Analogous

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



38.7532, 0.3760, 0.3512



38.7532, 0.3700, 0.3737



38.7532, 0.3483, 0.3855

Triad

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



38.7532, 0.3700, 0.3737



38.7532, 0.2637, 0.3301



38.7532, 0.3051, 0.2832

Complementary

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



38.7532, 0.3700, 0.3737



32.5994, 0.2622, 0.2796

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.



38.7532, 0.2763, 0.2766



38.7532, 0.3700, 0.3737



38.7532, 0.2533, 0.3017

Square

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



38.7532, 0.3700, 0.3737



38.7532, 0.2869, 0.3600



38.7532, 0.2578, 0.2827



38.7532, 0.3374, 0.3005

Rectangle

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



38.7532, 0.3700, 0.3737



38.7532, 0.3284, 0.3844



38.7532, 0.2578, 0.2827



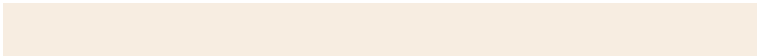
38.7532, 0.2947, 0.2797

Sweetspot

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



38.7550, 0.3700, 0.3737



86.0322, 0.3272, 0.3413



29.3888, 0.3507, 0.2911



18.6443, 0.3296, 0.3434



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.



38.7550, 0.3700, 0.3737



65.8107, 0.3856, 0.3839



49.1530, 0.3580, 0.4073



10.3817, 0.3275, 0.3416



14.0730, 0.5247, 0.4216



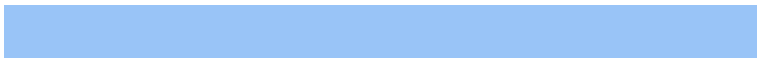
0.6802, 0.4930, 0.4467

Inverse Universe

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



32.5994, 0.2622, 0.2796



52.8934, 0.2505, 0.2665



24.5926, 0.2590, 0.2377



9.9143, 0.2984, 0.3161



7.0091, 0.1733, 0.1438



0.4052, 0.1863, 0.1905

Previews

White Background



This preview shows how the Yxy color 38.7532, 0.3700, 0.3737 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 38.7532, 0.3700, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

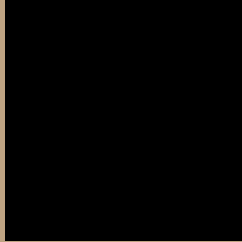
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7532, 0.3700, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 38.7532, 0.3700, 0.3737.



This preview shows how white text looks on a background with the Yxy color 38.7532, 0.3700, 0.3737.

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

38.7532, 0.3700, 0.3737

Protanopia

38.7684, 0.3545, 0.3782

Deuteranopia

38.8372, 0.3769, 0.3702



Tritanopia

38.8253, 0.3369, 0.3134

Trichromacy



Original Color

38.7532, 0.3700, 0.3737

Protanomaly

38.8562, 0.3598, 0.3776

Deuteranomaly

38.9217, 0.3744, 0.3718

Tritanomaly

38.8456, 0.3499, 0.3357

Monochromacy



Original Color

38.7532, 0.3700, 0.3737

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.7195, 0.3318, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7532, 0.3700, 0.3737 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(190, 163, 130)` looks like.

```
.text, #text, p{  
    color:rgb(190, 163, 130)  
}
```

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(190, 163, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 163, 130) }
```

Border

The CSS property to change the border of an element to Yxy 38.7532, 0.3700, 0.3737 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(190, 163, 130) }
```

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

```
.border{ border-color:rgb(190, 163, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 163, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 163, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 163, 130);  
box-shadow:4px 4px 4px 4px rgb(190, 163,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7532, 0.3700, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 163, 130) }
```

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

```
.background{ background-color: rgb(190,  
163, 130) }
```

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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