

Converting Colors

$Yxy(37.7957, 0.3929, 0.4273)$

Have a look what the booklet for
Yxy(37.7957, 0.3929, 0.4273)
contains.

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Color

Yxy(38.0078, 0.3932, 0.4282)

Conversions

Conversions Part 1

Format	Color
Hex	B6A65D
RGB	182, 166, 93
RGB Percent	71%, 65%, 36%
CMY	0.2863, 0.3490, 0.6353
CMYK	0.00, 0.09, 0.49, 0.29
HSL	49°, 38%, 54%
HSV	49°, 49%, 71%
XYZ	34.9011, 38.0078, 15.8529
YIQ	162.4620, 32.9690, -19.3110

Conversions

Conversions Part 2

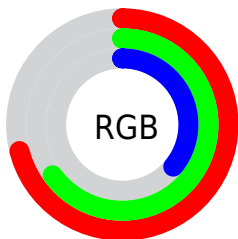
Format	Color
RYB	113, 182, 93
Decimal	11970141
CIELab	68.03, -4.14, 39.66
CIElCh	68, 39.873, 95.957
Yxy	38.0078, 0.3932, 0.4282
Android (android.graphics.Color)	4290160221 (0xFFB6A65D)
YUV	162.4620, -34.2448, 17.1348
Hunter-Lab	61.6505, -6.8371, 27.9094

Details

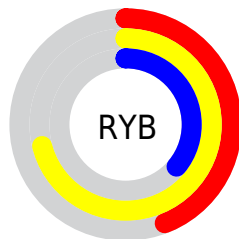
The Yxy color **38.0078, 0.3932, 0.4282** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.6373, 0.2259, 0.2040**, and the grayscale version is **36.5120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1080, 0.3785, 0.4100**, and **16.7285, 0.4141, 0.4550** is the 20% darker color. If you saturate the color by 10%, you get **36.5514, 0.4095, 0.4454**, and if you desaturate by 10%, it is **39.5746, 0.3761, 0.4088**.

Distribution



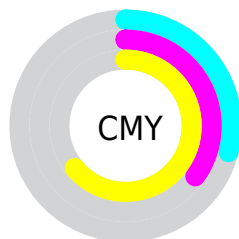
- Red (71%)
- Green (65%)
- Blue (36%)



- Red (44%)
- Yellow (71%)
- Blue (36%)



- Cyan (0%)
- Magenta (9%)
- Yellow (49%)
- Black (29%)



- Cyan (29%)
- Magenta (35%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.0078, 0.3932, 0.4282 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 38.0078, 0.3932, 0.4282 by changing the saturation by 10% instead.


 38.0078, 0.3932,
0.4282


 38.0078, 0.3932,
0.4282


337.6534, 0.3532,
0.3779

 25.9887, 0.4025,
0.4404


 72.1201, 0.3790,
0.4100


 16.8152, 0.4139,
0.4556


 94.9821, 0.3736,
0.4031

 10.1028, 0.4275,
0.4746


 122.2273, 0.3689,
0.3973

 5.4672, 0.4447,
0.4999

 154.2399, 0.3649,
0.3923

 2.5239, 0.4659,
0.5341

191.4044, 0.3614,
0.3880

 0.8886, 0.4556,
0.5444

234.1053, 0.3584,

 0.0000, 0.0000,

0.3842

0.0000

282.7268, 0.3556,
0.3808

■ 38.0078, 0.3932,
0.4282

■ 38.0078, 0.3932,
0.4282

■ 36.5514, 0.4095,
0.4454

■ 39.5746, 0.3761,
0.4088

■ 35.1945, 0.4243,
0.4595

■ 41.2518, 0.3589,
0.3883

■ 33.9322, 0.4369,
0.4696

■ 43.0460, 0.3421,
0.3673

■ 32.7570, 0.4468,
0.4753

■ 44.9615, 0.3261,
0.3467

■ 31.6556, 0.4542,
0.4768

■ 47.0025, 0.3111,
0.3269

■ 31.5365, 0.4550,
0.4769

■ 49.1729, 0.2973,
0.3081

■ 51.4765, 0.2846,
0.2905

■ 53.9169, 0.2732,
0.2743

■ 56.3814, 0.2639,
0.2612

Harmonies

Analogous

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



38.0078, 0.4267, 0.3935



38.0078, 0.3932, 0.4282



38.0078, 0.3398, 0.4369

Triad

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



38.0078, 0.3932, 0.4282



38.0078, 0.2097, 0.2920



38.0078, 0.3365, 0.2656

Complementary

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



38.0078, 0.3932, 0.4282



16.6373, 0.2259, 0.2040

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.



38.0078, 0.2772, 0.2417



38.0078, 0.3932, 0.4282



38.0078, 0.2091, 0.2524

Square

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



38.0078, 0.3932, 0.4282



38.0078, 0.2350, 0.3501



38.0078, 0.2323, 0.2362



38.0078, 0.3938, 0.3034

Rectangle

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



38.0078, 0.3932, 0.4282



38.0078, 0.3007, 0.4215



38.0078, 0.2323, 0.2362



38.0078, 0.3160, 0.2558

Sweetspot

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



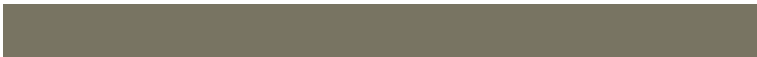
38.0096, 0.3932, 0.4282



79.2937, 0.3362, 0.3598



18.8836, 0.4211, 0.3061



17.3548, 0.3396, 0.3641



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



38.0096, 0.3932, 0.4282



65.9980, 0.4112, 0.4471



41.0921, 0.3567, 0.4582



10.2216, 0.3268, 0.3476



22.3625, 0.4545, 0.4773



0.8609, 0.4440, 0.4857

Inverse Universe

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



16.6373, 0.2259, 0.2040



22.6837, 0.2048, 0.1704



15.2841, 0.2481, 0.1871



8.9734, 0.2984, 0.3097



3.2123, 0.1550, 0.0781



0.1934, 0.1673, 0.1222

Previews

White Background



This preview shows how the Yxy color 38.0078, 0.3932, 0.4282 looks on a white background.

Color Contrast Check

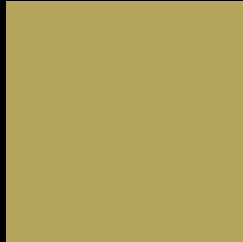
Large Text (above 18pt) WCAG AA × Fail

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 38.0078, 0.3932, 0.4282 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 38.0078, 0.3932, 0.4282

Background



This preview shows how black text looks on a background with the Yxy color 38.0078, 0.3932, 0.4282.



This preview shows how white text looks on a background with the Yxy color 38.0078, 0.3932, 0.4282.

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

38.0078, 0.3932, 0.4282

Protanopia

38.0078, 0.3932, 0.4282

Deuteranopia

37.8365, 0.4175, 0.4087



Tritanopia

37.9257, 0.3340, 0.3132

Trichromacy



Original Color

38.0078, 0.3932, 0.4282

Protanomaly

38.0078, 0.3932, 0.4282

Deuteranomaly

37.9000, 0.4091, 0.4160

Tritanomaly

37.6295, 0.3574, 0.3551

Monochromacy



Original Color

38.0078, 0.3932, 0.4282

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.4355, 0.3421, 0.3669

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0078, 0.3932, 0.4282 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(182, 166, 93)` looks like.

```
.text, #text, p{  
    color:rgb(182, 166, 93)  
}
```

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(182, 166, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 166, 93) }
```

Border

The CSS property to change the border of an element to Yxy 38.0078, 0.3932, 0.4282 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(182, 166, 93) }
```

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

```
.border{ border-color:rgb(182, 166, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 166, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 166, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 166, 93);  
box-shadow:4px 4px 4px 4px rgb(182, 166,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0078, 0.3932, 0.4282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 166, 93) }
```

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

```
.background{ background-color: rgb(182,  
166, 93) }
```

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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