

Converting Colors

$Yxy(33.9144, 0.4010, 0.3655)$

Have a look what the booklet for
Yxy(33.9144, 0.4010, 0.3655)
contains.

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Color

Yxy(33.8382, 0.4012, 0.3648)

Conversions

Conversions Part 1

Format	Color
Hex	C89176
RGB	200, 145, 118
RGB Percent	78%, 57%, 46%
CMY	0.2157, 0.4314, 0.5373
CMYK	0.00, 0.27, 0.41, 0.22
HSL	20°, 43%, 62%
HSV	20°, 41%, 78%
XYZ	37.2146, 33.8382, 21.7054
YIQ	158.3670, 41.4470, 3.2630

Conversions

Conversions Part 2

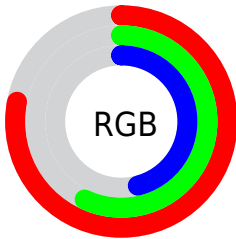
Format	Color
R _Y B	200, 158, 118
Decimal	13144438
CIE Lab	64.83, 17.36, 22.54
CIE LCh	65, 28.450, 52.384
Yxy	33.8382, 0.4012, 0.3648
Android (android.graphics.Color)	4291334518 (0xFFC89176)
YUV	158.3670, -19.9009, 36.5121
Hunter-Lab	58.1706, 12.3967, 18.5963

Details

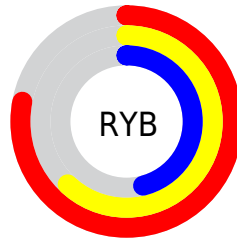
The Yxy color **33.8382, 0.4012, 0.3648** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.9021, 0.2507, 0.2894**, and the grayscale version is **34.4460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.0091, 0.3810, 0.3594**, and **14.3644, 0.4309, 0.3734** is the 20% darker color. If you saturate the color by 10%, you get **29.5538, 0.4319, 0.3730**, and if you desaturate by 10%, it is **38.7105, 0.3742, 0.3559**.

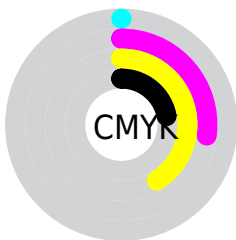
Distribution



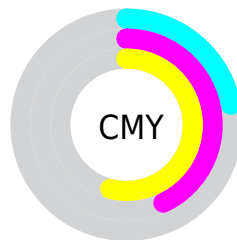
- Red (78%)
- Green (57%)
- Blue (46%)



- Red (78%)
- Yellow (62%)
- Blue (46%)



- Cyan (0%)
- Magenta (27%)
- Yellow (41%)
- Black (22%)




- Cyan (22%)
- Magenta (43%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.8382, 0.4012, 0.3648 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 33.8382, 0.4012, 0.3648 by changing the saturation by 10% instead.


 33.8382, 0.4012,
0.3648

 33.8382, 0.4012,
0.3648


319.4100, 0.3543,
0.3476

 22.7693, 0.4137,
0.3687


 65.6820, 0.3836,
0.3588

 14.4233, 0.4300,
0.3733


 87.2257, 0.3771,
0.3565

 8.4156, 0.4524,
0.3786


 113.0298, 0.3718,
0.3545

 4.3620, 0.4843,
0.3842

143.4786, 0.3672,
0.3527

 1.8781, 0.5524,
0.4021

178.9567, 0.3633,
0.3512

 0.5351, 0.6362,
0.3638

219.8484, 0.3599,

 0.0000, 0.0000,

0.3499

0.0000

266.5380, 0.3569,
0.3487

■ 33.8382, 0.4012,
0.3648

■ 33.8382, 0.4012,
0.3648

■ 29.5538, 0.4319,
0.3730

■ 38.7105, 0.3742,
0.3559

■ 25.8294, 0.4658,
0.3796

■ 44.1877, 0.3509,
0.3468

■ 22.6415, 0.5013,
0.3833


■ 50.2921, 0.3311,
0.3381


■ 19.9632, 0.5361,
0.3830


■ 57.0432, 0.3143,
0.3298

■ 17.7646, 0.5669,
0.3779


■ 64.4597, 0.3000,
0.3221

 16.1627, 0.5897,
0.3700

 72.5597, 0.2880,
0.3151

 81.1663, 0.2793,
0.3118

 89.3079, 0.2803,
0.3261

 91.0196, 0.2805,
0.3289

Harmonies

Analogous

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



33.8382, 0.3894, 0.3293



33.8382, 0.4012, 0.3648



33.8382, 0.3874, 0.3946

Triad

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



33.8382, 0.4012, 0.3648



33.8382, 0.2692, 0.3649



33.8382, 0.2692, 0.2583

Complementary

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



33.8382, 0.4012, 0.3648



37.9021, 0.2507, 0.2894

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.



33.8382, 0.2413, 0.2623



33.8382, 0.4012, 0.3648



33.8382, 0.2412, 0.3211

Square

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



33.8382, 0.4012, 0.3648



33.8382, 0.3101, 0.3987



33.8382, 0.2315, 0.2839



33.8382, 0.3104, 0.2706

Rectangle

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



33.8382, 0.4012, 0.3648



33.8382, 0.3664, 0.4065



33.8382, 0.2315, 0.2839



33.8382, 0.2581, 0.2577

Sweetspot

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



33.8398, 0.4012, 0.3648



85.7831, 0.3332, 0.3390



28.2909, 0.3457, 0.2578



18.0514, 0.3357, 0.3402



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.



33.8398, 0.4012, 0.3648



52.0790, 0.4277, 0.3720



48.2710, 0.3804, 0.4132



11.1982, 0.3281, 0.3367



10.4239, 0.5872, 0.3720



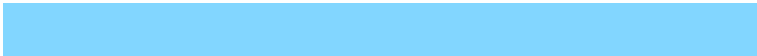
0.6269, 0.5460, 0.4047

Inverse Universe

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



37.9021, 0.2507, 0.2894



59.9811, 0.2388, 0.2793



24.8025, 0.2409, 0.2273



11.4559, 0.2984, 0.3212



13.6824, 0.1941, 0.2187



0.7763, 0.2012, 0.2444

Previews

White Background



This preview shows how the Yxy color 33.8382, 0.4012, 0.3648 looks on a white background.

Color Contrast Check

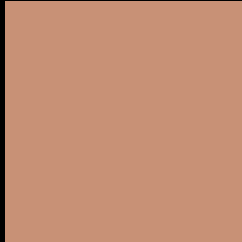
Large Text (above 18pt) WCAG AA × Fail

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 33.8382, 0.4012, 0.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

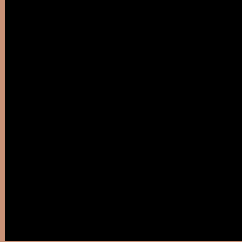
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.8382, 0.4012, 0.3648

Background



This preview shows how black text looks on a background with the Yxy color 33.8382, 0.4012, 0.3648.



This preview shows how white text looks on a background with the Yxy color 33.8382, 0.4012, 0.3648.

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

33.8382, 0.4012, 0.3648

Protanopia

33.8940, 0.3551, 0.3780

Deuteranopia

33.8567, 0.3839, 0.3765



Tritanopia

33.6870, 0.3701, 0.3149

Trichromacy



Original Color

33.8382, 0.4012, 0.3648

Protanomaly

33.8909, 0.3715, 0.3733

Deuteranomaly

33.8556, 0.3904, 0.3729

Tritanomaly

33.7666, 0.3817, 0.3331

Monochromacy



Original Color

33.8382, 0.4012, 0.3648

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.6499, 0.3429, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.8382, 0.4012, 0.3648 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, 145, 118)` looks like.

```
.text, #text, p{  
    color:rgb(200, 145, 118)  
}
```

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, 145, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 145, 118) }
```

Border

The CSS property to change the border of an element to Yxy 33.8382, 0.4012, 0.3648 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, 145, 118) }
```

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

```
.border{ border-color:rgb(200, 145, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 145, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 145, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 145, 118);  
box-shadow:4px 4px 4px 4px rgb(200, 145,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 33.8382, 0.4012, 0.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 145, 118) }
```

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

```
.background{ background-color: rgb(200,  
145, 118) }
```

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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