

Converting Colors

$Yxy(38.1338, 0.4122, 0.3855)$

Have a look what the booklet for
Yxy(38.1338, 0.4122, 0.3855)
contains.

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Color

Yxy(38.1238, 0.4128, 0.3854)

Conversions

Conversions Part 1

Format	Color
Hex	D19B6E
RGB	209, 155, 110
RGB Percent	82%, 61%, 43%
CMY	0.1803, 0.3922, 0.5686
CMYK	0.00, 0.26, 0.47, 0.18
HSL	27°, 52%, 63%
HSV	27°, 47%, 82%
XYZ	40.8342, 38.1238, 19.9621
YIQ	166.0160, 46.6290, -2.5470

Conversions

Conversions Part 2

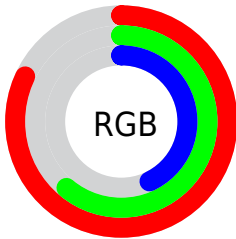
Format	Color
R_{YB}	209, 193, 110
Decimal	13736814
CIE _{Lab}	68.11, 14.73, 31.40
CIE _{LCh}	68, 34.686, 64.869
Yxy	38.1238, 0.4128, 0.3854
Android (android.graphics.Color)	4291926894 (0xFFD19B6E)
YUV	166.0160, -27.6159, 37.6970
Hunter-Lab	61.7445, 9.9967, 24.0526

Details

The Yxy color **38.1238, 0.4128, 0.3854** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.4827, 0.2383, 0.2631**, and the grayscale version is **38.2624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4696, 0.3837, 0.3777**, and **16.9130, 0.4426, 0.3994** is the 20% darker color. If you saturate the color by 10%, you get **34.1043, 0.4412, 0.3957**, and if you desaturate by 10%, it is **42.6129, 0.3866, 0.3736**.

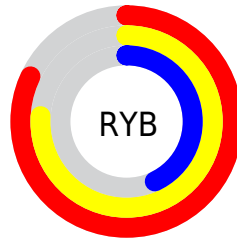
Distribution



Red (82%)

Green (61%)

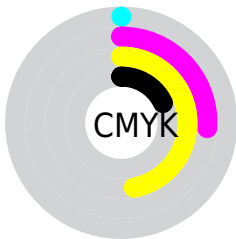
Blue (43%)



Red (82%)

Yellow (76%)

Blue (43%)

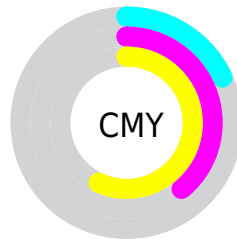


Cyan (0%)

Magenta (26%)

Yellow (47%)

Black (18%)



Cyan (18%)


Magenta (39%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1238, 0.4128, 0.3854 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 38.1238, 0.4128, 0.3854 by changing the saturation by 10% instead.


 38.1238, 0.4128,
0.3854


 38.1238, 0.4128,
0.3854


338.1507, 0.3612,
0.3585


 26.0788, 0.4258,
0.3913


 72.2979, 0.3939,
0.3761

 16.8826, 0.4425,
0.3984

 95.1957, 0.3868,
0.3725

 10.1508, 0.4643,
0.4065


 122.4799, 0.3809,
0.3693

 5.4991, 0.4935,
0.4151

 154.5349, 0.3758,
0.3666

 2.5430, 0.5586,
0.4414

191.7451, 0.3714,
0.3642

 0.8981, 0.5859,
0.4141

234.4949, 0.3676,


 0.0000, 1.0000,

0.3621


0.0000

283.1686, 0.3642,
0.3602


 0.0000, 0.0000,
0.0000

 38.1238, 0.4128,
0.3854

 38.1238, 0.4128,
0.3854


 34.1043, 0.4412,
0.3957

 42.6129, 0.3866,
0.3736


 30.5313, 0.4708,
0.4035

 47.5826, 0.3632,
0.3613


 27.3877, 0.5000,
0.4072

 53.0500, 0.3425,
0.3490

 24.6525, 0.5270,
0.4060

 59.0300, 0.3245,
0.3372

 22.3004, 0.5497,
0.3994

 65.5365, 0.3088,
0.3262

■ 21.7367, 0.5554,
0.3972

■ 72.5830, 0.2953,
0.3159

■ 80.0966, 0.2843,
0.3077

■ 86.8315, 0.2850,
0.3198

■ 92.2976, 0.2855,
0.3289

Harmonies

Analogous

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



38.1238, 0.4122, 0.3457



38.1238, 0.4128, 0.3854



38.1238, 0.3851, 0.4152

Triad

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



38.1238, 0.4128, 0.3854



38.1238, 0.2460, 0.3496



38.1238, 0.2803, 0.2513

Complementary

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



38.1238, 0.4128, 0.3854



34.4827, 0.2383, 0.2631

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.



38.1238, 0.2410, 0.2474



38.1238, 0.4128, 0.3854



38.1238, 0.2225, 0.2991

Square

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



38.1238, 0.4128, 0.3854



38.1238, 0.2881, 0.3978



38.1238, 0.2209, 0.2632



38.1238, 0.3318, 0.2721

Rectangle

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



38.1238, 0.4128, 0.3854



38.1238, 0.3556, 0.4232



38.1238, 0.2209, 0.2632



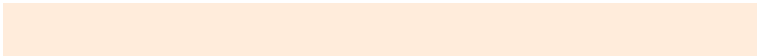
38.1238, 0.2653, 0.2480

Sweetspot

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



38.1256, 0.4128, 0.3854



86.1057, 0.3364, 0.3452



27.4098, 0.3691, 0.2620



18.0031, 0.3405, 0.3478



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.



38.1256, 0.4128, 0.3854



53.3085, 0.4420, 0.3960



57.9006, 0.3846, 0.4390



12.6804, 0.3279, 0.3396



13.5918, 0.5530, 0.3991



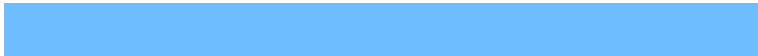
0.9176, 0.5223, 0.4235

Inverse Universe

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



34.4827, 0.2383, 0.2631



46.8894, 0.2233, 0.2456



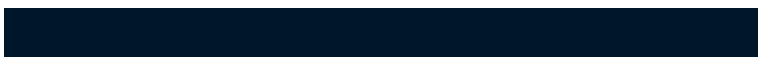
20.1736, 0.2245, 0.1882



12.4713, 0.2983, 0.3182



10.4631, 0.1818, 0.1744



0.7426, 0.1904, 0.2053

Previews

White Background



This preview shows how the Yxy color 38.1238, 0.4128, 0.3854 looks on a white background.

Color Contrast Check

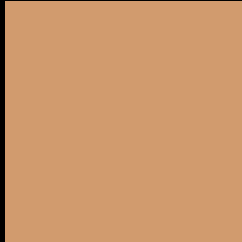
Large Text (above 18pt) WCAG AA × Fail

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 38.1238, 0.4128, 0.3854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

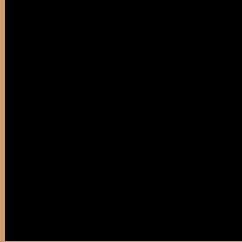
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1238, 0.4128, 0.3854

Background



This preview shows how black text looks on a background with the Yxy color 38.1238, 0.4128, 0.3854.



This preview shows how white text looks on a background with the Yxy color 38.1238, 0.4128, 0.3854.

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

38.1238, 0.4128, 0.3854

Protanopia

38.2135, 0.3723, 0.4002

Deuteranopia

38.1798, 0.4021, 0.3938



Tritanopia

38.1791, 0.3681, 0.3156

Trichromacy



Original Color

38.1238, 0.4128, 0.3854

Protanomaly

38.1093, 0.3874, 0.3949

Deuteranomaly

38.2544, 0.4058, 0.3918

Tritanomaly

38.0833, 0.3853, 0.3405

Monochromacy



Original Color

38.1238, 0.4128, 0.3854

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.8611, 0.3470, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1238, 0.4128, 0.3854 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(209, 155, 110)` looks like.

```
.text, #text, p{  
    color:rgb(209, 155, 110)  
}
```

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(209, 155, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 155, 110) }
```

Border

The CSS property to change the border of an element to Yxy 38.1238, 0.4128, 0.3854 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(209, 155, 110) }
```

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

```
.border{ border-color:rgb(209, 155, 110) }
```

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

Here you see how a box with a 4 pixel rgb(209, 155, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 155, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 155, 110);  
box-shadow:4px 4px 4px 4px rgb(209, 155,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1238, 0.4128, 0.3854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 155, 110) }
```

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

```
.background{ background-color: rgb(209,  
155, 110) }
```

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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