

Converting Colors

$Yxy(38.6027, 0.4202, 0.4026)$

Have a look what the booklet for
Yxy(38.6027, 0.4202, 0.4026)
contains.

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Color

Yxy(38.7455, 0.4209, 0.4032)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D09E62 |
| RGB | 208, 158, 98 |
| RGB Percent | 82%, 62%, 38% |
| CMY | 0.1843, 0.3804, 0.6157 |
| CMYK | 0.00, 0.24, 0.53, 0.18 |
| HSL | 33°, 54%, 60% |
| HSV | 33°, 53%, 82% |
| XYZ | 40.4464, 38.7455, 16.9031 |
| YIQ | 166.1100, 49.0600, -8.0600 |

Conversions

Conversions Part 2

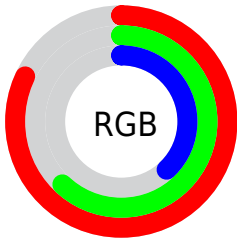
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 190, 208, 98 |
| Decimal | 13672034 |
| CIELab | 68.57, 11.57, 38.31 |
| CIElCh | 69, 40.024, 73.194 |
| Yxy | 38.7455, 0.4209, 0.4032 |
| Android (android.graphics.Color) | 4291862114 (0xFFD09E62) |
| YUV | 166.1100, -33.5782, 36.7375 |
| Hunter-Lab | 62.2459, 7.0562, 27.4717 |

Details

The Yxy color **38.7455, 0.4209, 0.4032** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.3363, 0.2269, 0.2380**, and the grayscale version is **38.3385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0505, 0.3909, 0.3938**, and **17.3165, 0.4513, 0.4207** is the 20% darker color. If you saturate the color by 10%, you get **35.3011, 0.4464, 0.4143**, and if you desaturate by 10%, it is **42.5440, 0.3963, 0.3899**.

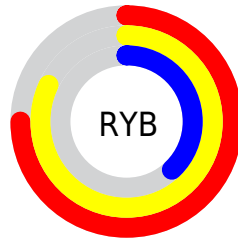
Distribution



Red (82%)

Green (62%)

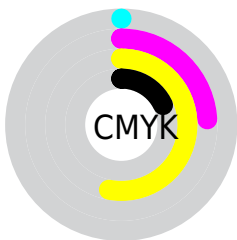
Blue (38%)



Red (75%)

Yellow (82%)

Blue (38%)

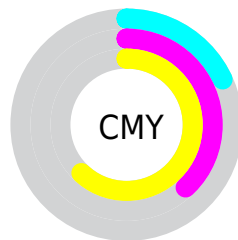


Cyan (0%)

Magenta (24%)

Yellow (53%)

Black (18%)



Cyan (18%)

Magenta (38%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7455, 0.4209, 0.4032 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 38.7455, 0.4209, 0.4032 by changing the saturation by 10% instead.


 38.7455, 0.4209,
0.4032


 38.7455, 0.4209,
0.4032


340.8073, 0.3660,
0.3678


 26.5618, 0.4343,
0.4109


 73.2494, 0.4010,
0.3910


 17.2444, 0.4511,
0.4200


 96.3383, 0.3935,
0.3862

 10.4089, 0.4723,
0.4302


 123.8312, 0.3872,
0.3821

 5.6709, 0.4995,
0.4410

 156.1123, 0.3817,
0.3785

 2.6460, 0.5433,
0.4567

193.5660, 0.3770,
0.3753

 0.9499, 0.5647,
0.4353

236.5768, 0.3729,

 0.0000, 1.0000,

0.3725

0.0000

285.5291, 0.3692,
0.3700

0.0000, 0.0000,
0.0000

38.7455, 0.4209,
0.4032

38.7455, 0.4209,
0.4032

35.3011, 0.4464,
0.4143

42.5440, 0.3963,
0.3899

32.1916, 0.4717,
0.4220

46.7036, 0.3733,
0.3756

29.4037, 0.4953,
0.4251

51.2379, 0.3524,
0.3609

26.9204, 0.5158,
0.4228

56.1580, 0.3337,
0.3465

25.3214, 0.5285,
0.4186

61.4745, 0.3171,
0.3328

■ 67.1975, 0.3025,
0.3199

■ 73.3365, 0.2897,
0.3080

■ 79.2796, 0.2837,
0.3064

■ 84.7980, 0.2842,
0.3165

Harmonies

Analogous

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



38.7455, 0.4306, 0.3596



38.7455, 0.4209, 0.4032



38.7455, 0.3814, 0.4331

Triad

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



38.7455, 0.4209, 0.4032



38.7455, 0.2269, 0.3352



38.7455, 0.2907, 0.2461

Complementary

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



38.7455, 0.4209, 0.4032



28.3363, 0.2269, 0.2380

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.



38.7455, 0.2415, 0.2359



38.7455, 0.4209, 0.4032



38.7455, 0.2076, 0.2805

Square

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



38.7455, 0.4209, 0.4032



38.7455, 0.2691, 0.3951



38.7455, 0.2128, 0.2466



38.7455, 0.3513, 0.2738

Rectangle

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



38.7455, 0.4209, 0.4032



38.7455, 0.3451, 0.4373



38.7455, 0.2128, 0.2466



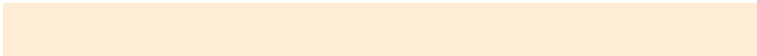
38.7455, 0.2724, 0.2405

Sweetspot

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



38.7474, 0.4209, 0.4032



86.3766, 0.3396, 0.3512



24.3287, 0.3914, 0.2657



18.1387, 0.3435, 0.3542



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.



38.7474, 0.4209, 0.4032



55.5164, 0.4486, 0.4151



58.8850, 0.3859, 0.4567



12.8614, 0.3277, 0.3417



15.9754, 0.5265, 0.4201



1.0508, 0.5016, 0.4399

Inverse Universe

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



28.3363, 0.2269, 0.2380



37.3966, 0.2104, 0.2151



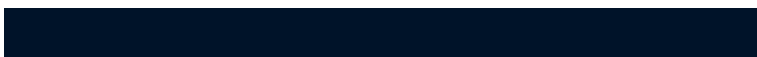
16.0967, 0.2142, 0.1627



12.2903, 0.2982, 0.3160



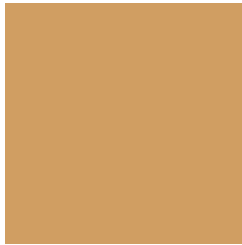
8.0780, 0.1734, 0.1442



0.6093, 0.1832, 0.1794

Previews

White Background



This preview shows how the Yxy color 38.7455, 0.4209, 0.4032 looks on a white background.

Color Contrast Check

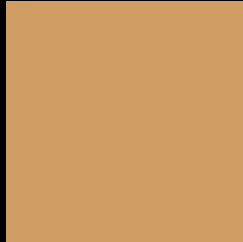
Large Text (above 18pt) WCAG AA × Fail

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 38.7455, 0.4209, 0.4032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

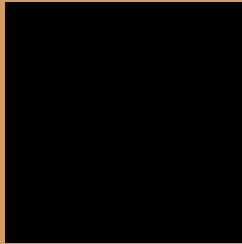
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7455, 0.4209, 0.4032

Background



This preview shows how black text looks on a background with the Yxy color 38.7455, 0.4209, 0.4032.



This preview shows how white text looks on a background with the Yxy color 38.7455, 0.4209, 0.4032.

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

38.7455, 0.4209, 0.4032

Protanopia

39.0319, 0.3856, 0.4189

Deuteranopia

38.8608, 0.4155, 0.4069



Tritanopia

38.5675, 0.3657, 0.3143

Trichromacy



Original Color

38.7455, 0.4209, 0.4032

Protanomaly

38.6970, 0.3980, 0.4122

Deuteranomaly

38.6573, 0.4172, 0.4054

Tritanomaly

38.4954, 0.3866, 0.3468

Monochromacy



Original Color

38.7455, 0.4209, 0.4032

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.9412, 0.3504, 0.3597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7455, 0.4209, 0.4032 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(208, 158, 98)` looks like.

```
.text, #text, p{  
    color:rgb(208, 158, 98)  
}
```

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(208, 158, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 158, 98) }
```

Border

The CSS property to change the border of an element to Yxy 38.7455, 0.4209, 0.4032 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(208, 158, 98) }
```

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

```
.border{ border-color:rgb(208, 158, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 158, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 158, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 158, 98);  
box-shadow:4px 4px 4px 4px rgb(208, 158,  
98) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 38.7455, 0.4209, 0.4032$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 158, 98) }
```

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

```
.background{ background-color: rgb(208,  
158, 98) }
```

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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