

Converting Colors

$Yxy(36.2292, 0.3912, 0.3860)$

Have a look what the booklet for
Yxy(36.2292, 0.3912, 0.3860)
contains.

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Color

Yxy(36.1983, 0.3907, 0.3858)

Conversions

Conversions Part 1

Format	Color
Hex	C09C72
RGB	192, 156, 114
RGB Percent	75%, 61%, 45%
CMY	0.2472, 0.3882, 0.5530
CMYK	0.00, 0.19, 0.41, 0.25
HSL	32°, 38%, 60%
HSV	32°, 41%, 75%
XYZ	36.6581, 36.1983, 20.9702
YIQ	161.9760, 34.9380, -5.4300

Conversions

Conversions Part 2

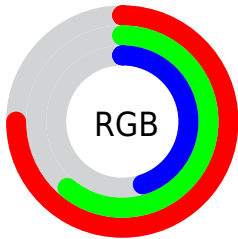
Format	Color
RYB	181, 192, 114
Decimal	12622962
CIELab	66.67, 7.61, 27.04
CIElCh	67, 28.089, 74.274
Yxy	36.1983, 0.3907, 0.3858
Android (android.graphics.Color)	4290813042 (0xFFC09C72)
YUV	161.9760, -23.6522, 26.3310
Hunter-Lab	60.1650, 3.4698, 21.4503

Details

The Yxy color **36.1983, 0.3907, 0.3858** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.1754, 0.2473, 0.2639**, and the grayscale version is **36.2195, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1704, 0.3763, 0.3753**, and **15.8032, 0.4152, 0.4019** is the 20% darker color. If you saturate the color by 10%, you get **32.9443, 0.4150, 0.3992**, and if you desaturate by 10%, it is **39.7640, 0.3682, 0.3715**.

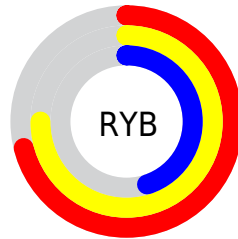
Distribution



Red (75%)

Green (61%)

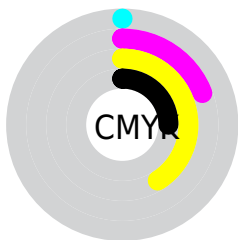
Blue (45%)



Red (71%)

Yellow (75%)

Blue (45%)

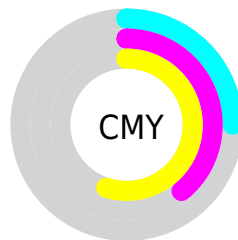


Cyan (0%)

Magenta (19%)

Yellow (41%)

Black (25%)



Cyan (25%)


Magenta (39%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1983, 0.3907, 0.3858 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 36.1983, 0.3907, 0.3858 by changing the saturation by 10% instead.


 36.1983, 0.3907,
0.3858


 36.1983, 0.3907,
0.3858


329.8264, 0.3502,
0.3574


 24.5874, 0.4011,
0.3927


 69.3380, 0.3757,
0.3756

 15.7699, 0.4146,
0.4013


 91.6356, 0.3702,
0.3717

 9.3615, 0.4325,
0.4121


 118.2642, 0.3655,
0.3684

 4.9777, 0.4570,
0.4257

 149.6083, 0.3615,
0.3656

 2.2342, 0.5138,
0.4616

186.0521, 0.3581,
0.3631

 0.7385, 0.5461,
0.4539

227.9802, 0.3551,

 0.0000, 0.0000,

0.3610

0.0000

275.7768, 0.3525,
0.3591

■ 36.1983, 0.3907,
0.3858

■ 36.1983, 0.3907,
0.3858

■ 32.9443, 0.4150,
0.3992

■ 39.7640, 0.3682,
0.3715

■ 29.9864, 0.4405,
0.4108

■ 43.6459, 0.3479,
0.3571

■ 27.3153, 0.4661,
0.4193

■ 47.8549, 0.3297,
0.3431

■ 24.9185, 0.4905,
0.4235

■ 52.3999, 0.3136,
0.3298

■ 22.7824, 0.5122,
0.4226

■ 57.2891, 0.2996,
0.3173

■ 20.9956, 0.5297,
0.4176

■ 62.5305, 0.2872,
0.3058

■ 68.1320, 0.2764,
0.2952

■ 73.2650, 0.2735,
0.2982

■ 78.2269, 0.2744,
0.3080

Harmonies

Analogous

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



36.1983, 0.3975, 0.3547



36.1983, 0.3907, 0.3858



36.1983, 0.3624, 0.4044

Triad

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



36.1983, 0.3907, 0.3858



36.1983, 0.2493, 0.3329



36.1983, 0.2989, 0.2678

Complementary

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



36.1983, 0.3907, 0.3858



29.1754, 0.2473, 0.2639

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.



36.1983, 0.2618, 0.2600



36.1983, 0.3907, 0.3858



36.1983, 0.2347, 0.2940

Square

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



36.1983, 0.3907, 0.3858



36.1983, 0.2806, 0.3740



36.1983, 0.2392, 0.2685



36.1983, 0.3424, 0.2893

Rectangle

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



36.1983, 0.3907, 0.3858



36.1983, 0.3360, 0.4051



36.1983, 0.2392, 0.2685



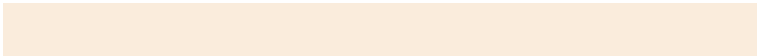
36.1983, 0.2853, 0.2635

Sweetspot

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



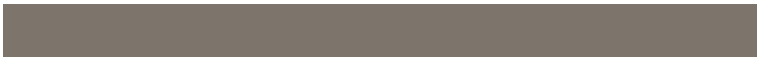
36.2000, 0.3907, 0.3858



85.5016, 0.3324, 0.3453



25.4489, 0.3661, 0.2800



18.1231, 0.3347, 0.3471



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.



36.2000, 0.3907, 0.3858



60.1859, 0.4129, 0.3982



49.7681, 0.3704, 0.4291



10.9569, 0.3276, 0.3414



14.2896, 0.5279, 0.4190



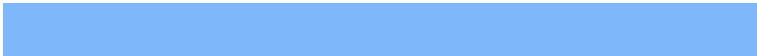
0.7541, 0.4974, 0.4433

Inverse Universe

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



29.1754, 0.2473, 0.2639



45.6842, 0.2324, 0.2459



19.5896, 0.2405, 0.2066



10.4961, 0.2984, 0.3163



7.4676, 0.1741, 0.1468



0.4604, 0.1860, 0.1897

Previews

White Background



This preview shows how the Yxy color 36.1983, 0.3907, 0.3858 looks on a white background.

Color Contrast Check

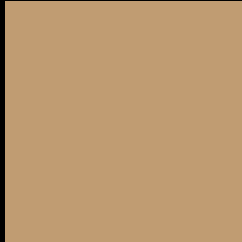
Large Text (above 18pt) WCAG AA × Fail

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 36.1983, 0.3907, 0.3858 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 36.1983, 0.3907, 0.3858

Background



This preview shows how black text looks on a background with the Yxy color 36.1983, 0.3907, 0.3858.



This preview shows how white text looks on a background with the Yxy color 36.1983, 0.3907, 0.3858.

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

36.1983, 0.3907, 0.3858

Protanopia

36.2390, 0.3671, 0.3935

Deuteranopia

35.9951, 0.3923, 0.3842



Tritanopia

36.2562, 0.3504, 0.3147

Trichromacy



Original Color

36.1983, 0.3907, 0.3858

Protanomaly

36.2263, 0.3752, 0.3908

Deuteranomaly

35.9951, 0.3923, 0.3842

Tritanomaly

36.0722, 0.3652, 0.3398

Monochromacy



Original Color

36.1983, 0.3907, 0.3858

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.0702, 0.3393, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1983, 0.3907, 0.3858 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(192, 156, 114)` looks like.

```
.text, #text, p{  
    color:rgb(192, 156, 114)  
}
```

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(192, 156, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 156, 114) }
```

Border

The CSS property to change the border of an element to Yxy 36.1983, 0.3907, 0.3858 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(192, 156, 114) }
```

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

```
.border{ border-color:rgb(192, 156, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 156, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 156, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 156, 114);  
box-shadow:4px 4px 4px 4px rgb(192, 156,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1983, 0.3907, 0.3858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 156, 114) }
```

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

```
.background{ background-color: rgb(192,  
156, 114) }
```

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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