

Converting Colors

$Yxy(36.5707, 0.3962, 0.3990)$

Have a look what the booklet for
Yxy(36.5707, 0.3962, 0.3990)
contains.

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Color

Yxy(36.5707, 0.3962, 0.3990)

Conversions

Conversions Part 1

Format	Color
Hex	BF9E6A
RGB	191, 158, 106
RGB Percent	75%, 62%, 42%
CMY	0.2510, 0.3804, 0.5844
CMYK	0.00, 0.17, 0.45, 0.25
HSL	37°, 40%, 58%
HSV	37°, 45%, 75%
XYZ	36.3141, 36.5707, 18.7711
YIQ	161.9390, 36.3600, -9.1760

Conversions

Conversions Part 2

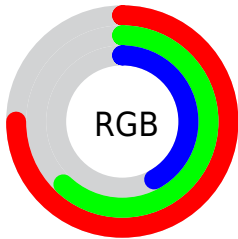
Format	Color
RYB	160, 191, 106
Decimal	12557930
CIELab	66.95, 5.25, 31.71
CIElCh	67, 32.144, 80.594
Yxy	36.5707, 0.3962, 0.3990
Android (android.graphics.Color)	4290748010 (0xFFBF9E6A)
YUV	161.9390, -27.5779, 25.4865
Hunter-Lab	60.4737, 1.3591, 23.9279

Details

The Yxy color **36.5707, 0.3962, 0.3990** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **25.2803, 0.2392, 0.2461**, and the grayscale version is **36.2199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1969, 0.3804, 0.3868**, and **16.0551, 0.4203, 0.4172** is the 20% darker color. If you saturate the color by 10%, you get **33.7653, 0.4188, 0.4134**, and if you desaturate by 10%, it is **39.6206, 0.3746, 0.3833**.

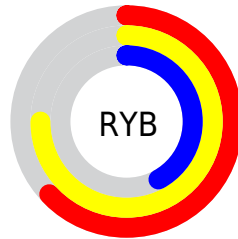
Distribution



Red (75%)

Green (62%)

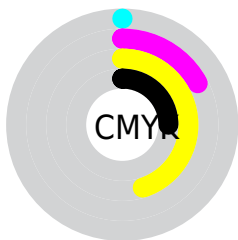
Blue (42%)



Red (63%)

Yellow (75%)

Blue (42%)

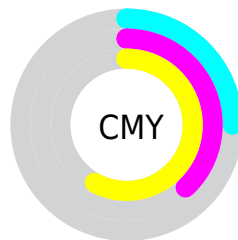


Cyan (0%)

Magenta (17%)

Yellow (45%)

Black (25%)



Cyan (25%)


Magenta (38%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5707, 0.3962, 0.3990 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 36.5707, 0.3962, 0.3990 by changing the saturation by 10% instead.


 36.5707, 0.3962,
0.3990

 36.5707, 0.3962,
0.3990


331.4481, 0.3533,
0.3639


 24.8753, 0.4070,
0.4074


 69.9120, 0.3805,
0.3864


 15.9842, 0.4207,
0.4179


 92.3267, 0.3746,
0.3816

 9.5129, 0.4386,
0.4310


 119.0833, 0.3696,
0.3776

 5.0772, 0.4620,
0.4470

 150.5661, 0.3654,
0.3741

 2.2927, 0.5145,
0.4855

187.1596, 0.3617,
0.3710

 0.7698, 0.5277,
0.4723

229.2482, 0.3586,

 0.0000, 0.0000,

0.3684

0.0000

277.2163, 0.3557,
0.3660

■ 36.5707, 0.3962,
0.3990

■ 36.5707, 0.3962,
0.3990

■ 33.7653, 0.4188,
0.4134

■ 39.6206, 0.3746,
0.3833

■ 31.1906, 0.4416,
0.4255

■ 42.9179, 0.3545,
0.3671

■ 28.8389, 0.4636,
0.4339

■ 46.4716, 0.3361,
0.3511

■ 26.6997, 0.4835,
0.4378

■ 50.2891, 0.3196,
0.3357

■ 24.7608, 0.5003,
0.4365

■ 54.3769, 0.3048,
0.3212

■ 23.7721, 0.5086,
0.4344

■ 58.7415, 0.2918,
0.3076

■ 63.3891, 0.2802,
0.2951

■ 68.0803, 0.2720,
0.2874

■ 71.9951, 0.2728,
0.2958

Harmonies

Analogous

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



36.5707, 0.4102, 0.3654



36.5707, 0.3962, 0.3990



36.5707, 0.3598, 0.4168

Triad

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



36.5707, 0.3962, 0.3990



36.5707, 0.2357, 0.3228



36.5707, 0.3070, 0.2641

Complementary

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



36.5707, 0.3962, 0.3990



25.2803, 0.2392, 0.2461

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.



36.5707, 0.2626, 0.2516



36.5707, 0.3962, 0.3990



36.5707, 0.2240, 0.2811

Square

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



36.5707, 0.3962, 0.3990



36.5707, 0.2672, 0.3714



36.5707, 0.2334, 0.2568



36.5707, 0.3566, 0.2907

Rectangle

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



36.5707, 0.3962, 0.3990



36.5707, 0.3286, 0.4142



36.5707, 0.2334, 0.2568



36.5707, 0.2910, 0.2581

Sweetspot

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



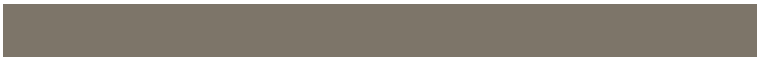
36.5724, 0.3962, 0.3990



84.0971, 0.3339, 0.3490



23.2714, 0.3812, 0.2828



18.1425, 0.3377, 0.3525



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.



36.5724, 0.3962, 0.3990



60.7991, 0.4172, 0.4125



48.3108, 0.3703, 0.4401



10.4818, 0.3273, 0.3430



15.7815, 0.5071, 0.4356



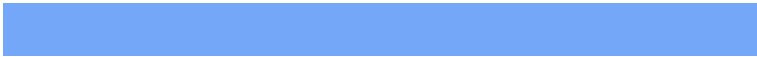
0.7416, 0.4808, 0.4564

Inverse Universe

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



25.2803, 0.2392, 0.2461



38.1525, 0.2234, 0.2248



17.6722, 0.2374, 0.1946



9.8162, 0.2984, 0.3146



5.8476, 0.1680, 0.1249



0.3568, 0.1818, 0.1743

Previews

White Background



This preview shows how the Yxy color 36.5707, 0.3962, 0.3990 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 36.5707, 0.3962, 0.3990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

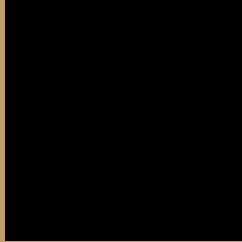
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5707, 0.3962, 0.3990

Background



This preview shows how black text looks on a background with the Yxy color 36.5707, 0.3962, 0.3990.



This preview shows how white text looks on a background with the Yxy color 36.5707, 0.3962, 0.3990.

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

36.5707, 0.3962, 0.3990

Protanopia

36.6242, 0.3769, 0.4068

Deuteranopia

36.5533, 0.4026, 0.3950



Tritanopia

36.6479, 0.3481, 0.3134

Trichromacy



Original Color

36.5707, 0.3962, 0.3990

Protanomaly

36.4964, 0.3841, 0.4041

Deuteranomaly

36.6239, 0.3999, 0.3968

Tritanomaly

36.6663, 0.3666, 0.3452

Monochromacy



Original Color

36.5707, 0.3962, 0.3990

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.3270, 0.3419, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5707, 0.3962, 0.3990 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(191, 158, 106)` looks like.

```
.text, #text, p{  
    color:rgb(191, 158, 106)  
}
```

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(191, 158, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 158, 106) }
```

Border

The CSS property to change the border of an element to Yxy 36.5707, 0.3962, 0.3990 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(191, 158, 106) }
```

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

```
.border{ border-color:rgb(191, 158, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 158, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 158, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 158, 106);  
box-shadow:4px 4px 4px 4px rgb(191, 158,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5707, 0.3962, 0.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 158, 106) }
```

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

```
.background{ background-color: rgb(191,  
158, 106) }
```

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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