

Converting Colors

$Yxy(37.0569, 0.3938, 0.3666)$

Have a look what the booklet for
Yxy(37.0569, 0.3938, 0.3666)
contains.

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Color

Yxy(36.9342, 0.3938, 0.3668)

Conversions

Conversions Part 1

Format	Color
Hex	CB997C
RGB	203, 153, 124
RGB Percent	80%, 60%, 49%
CMY	0.2040, 0.3999, 0.5137
CMYK	0.00, 0.25, 0.39, 0.20
HSL	22°, 43%, 64%
HSV	22°, 39%, 80%
XYZ	39.6529, 36.9342, 24.1059
YIQ	164.6440, 39.1090, 1.5810

Conversions

Conversions Part 2

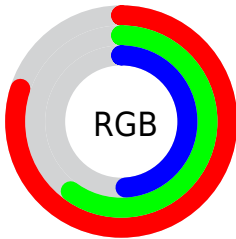
Format	Color
RYB	203, 170, 124
Decimal	13343100
CIELab	67.23, 14.87, 22.51
CIELCh	67, 26.973, 56.550
Yxy	36.9342, 0.3938, 0.3668
Android (android.graphics.Color)	4291533180 (0xFFFCB997C)
YUV	164.6440, -20.0375, 33.6382
Hunter-Lab	60.7735, 10.1123, 19.0240

Details

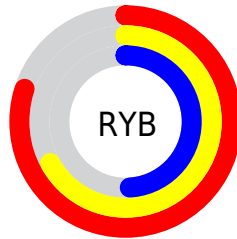
The Yxy color **36.9342, 0.3938, 0.3668** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.8507, 0.2530, 0.2873**, and the grayscale version is **37.5313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0600, 0.3729, 0.3602**, and **16.2138, 0.4189, 0.3762** is the 20% darker color. If you saturate the color by 10%, you get **32.4942, 0.4227, 0.3762**, and if you desaturate by 10%, it is **41.9357, 0.3683, 0.3568**.

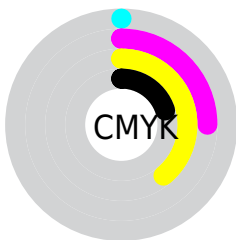
Distribution



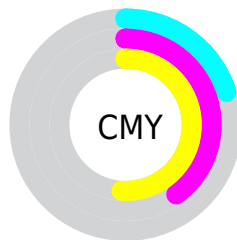
- Red (80%)
- Green (60%)
- Blue (49%)



- Red (80%)
- Yellow (67%)
- Blue (49%)



- Cyan (0%)
- Magenta (25%)
- Yellow (39%)
- Black (20%)




- Cyan (20%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9342, 0.3938, 0.3668 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 36.9342, 0.3938, 0.3668 by changing the saturation by 10% instead.


 36.9342, 0.3938,
0.3668


 36.9342, 0.3938,
0.3668


333.0256, 0.3515,
0.3485


 25.1565, 0.4048,
0.3710


 70.4716, 0.3780,
0.3604

 16.1937, 0.4192,
0.3761


 93.0001, 0.3722,
0.3579

 9.6613, 0.4387,
0.3823


 119.8810, 0.3674,
0.3558

 5.1750, 0.4662,
0.3896

151.4987, 0.3632,
0.3539

 2.3503, 0.5129,
0.4012

188.2377, 0.3597,
0.3523

 0.8001, 0.5910,
0.4090

230.4822, 0.3566,

 0.0000, 1.0000,

0.3509

0.0000

278.6167, 0.3539,
0.3497

0.0000, 0.0000,
0.0000

36.9342, 0.3938,
0.3668

36.9342, 0.3938,
0.3668

32.4942, 0.4227,
0.3762

41.9357, 0.3683,
0.3568

28.5897, 0.4546,
0.3842

47.5130, 0.3462,
0.3468

25.2003, 0.4882,
0.3894


53.6865, 0.3272,
0.3371

22.3017, 0.5216,
0.3907

60.4739, 0.3111,
0.3280


19.8675, 0.5520,
0.3871

67.8920, 0.2973,
0.3196

 17.8639, 0.5771,
0.3788

 75.9571, 0.2856,
0.3119

 17.6686, 0.5798,
0.3779

 83.9505, 0.2813,
0.3162

 91.4332, 0.2821,
0.3289

Harmonies

Analogous

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



36.9342, 0.3861, 0.3342



36.9342, 0.3938, 0.3668



36.9342, 0.3782, 0.3926

Triad

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



36.9342, 0.3938, 0.3668



36.9342, 0.2682, 0.3566



36.9342, 0.2773, 0.2642

Complementary

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



36.9342, 0.3938, 0.3668



38.8507, 0.2530, 0.2873

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.



36.9342, 0.2493, 0.2658



36.9342, 0.3938, 0.3668



36.9342, 0.2442, 0.3166

Square

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



36.9342, 0.3938, 0.3668



36.9342, 0.3049, 0.3896



36.9342, 0.2376, 0.2839



36.9342, 0.3165, 0.2774

Rectangle

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



36.9342, 0.3938, 0.3668



36.9342, 0.3576, 0.4015



36.9342, 0.2376, 0.2839



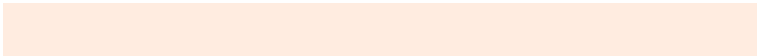
36.9342, 0.2664, 0.2630

Sweetspot

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



36.9360, 0.3938, 0.3668



86.4493, 0.3331, 0.3402



30.1641, 0.3480, 0.2659



18.2076, 0.3355, 0.3415



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.



36.9360, 0.3938, 0.3668



55.3286, 0.4188, 0.3751



52.0437, 0.3750, 0.4135



11.8775, 0.3281, 0.3376



11.4070, 0.5773, 0.3798



0.7324, 0.5401, 0.4093

Inverse Universe

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



38.8507, 0.2530, 0.2873



58.9536, 0.2404, 0.2760



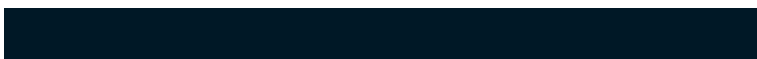
25.7915, 0.2440, 0.2273



12.0070, 0.2983, 0.3203



12.8162, 0.1903, 0.2050



0.8029, 0.1978, 0.2320

Previews

White Background



This preview shows how the Yxy color 36.9342, 0.3938, 0.3668 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 36.9342, 0.3938, 0.3668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

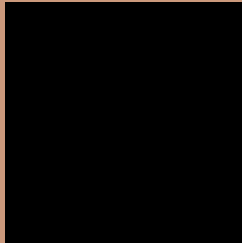
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9342, 0.3938, 0.3668

Background



This preview shows how black text looks on a background with the Yxy color 36.9342, 0.3938, 0.3668.



This preview shows how white text looks on a background with the Yxy color 36.9342, 0.3938, 0.3668.

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

36.9342, 0.3938, 0.3668

Protanopia

37.2499, 0.3553, 0.3790

Deuteranopia

36.8815, 0.3824, 0.3749



Tritanopia

36.8048, 0.3622, 0.3152

Trichromacy



Original Color

36.9342, 0.3938, 0.3668

Protanomaly

36.9882, 0.3689, 0.3748

Deuteranomaly

37.0773, 0.3871, 0.3729

Tritanomaly

36.8672, 0.3743, 0.3343

Monochromacy



Original Color

36.9342, 0.3938, 0.3668

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.2755, 0.3404, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9342, 0.3938, 0.3668 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(203, 153, 124)` looks like.

```
.text, #text, p{  
    color:rgb(203, 153, 124)  
}
```

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(203, 153, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 153, 124) }
```

Border

The CSS property to change the border of an element to Yxy 36.9342, 0.3938, 0.3668 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(203, 153, 124) }
```

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

```
.border{ border-color:rgb(203, 153, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 153, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 153, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 153, 124);  
box-shadow:4px 4px 4px 4px rgb(203, 153,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9342, 0.3938, 0.3668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 153, 124) }
```

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

```
.background{ background-color: rgb(203,  
153, 124) }
```

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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