

Converting Colors

$Yxy(36.7520, 0.3934, 0.4007)$

Have a look what the booklet for
Yxy(36.7520, 0.3934, 0.4007)
contains.

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Color

Yxy(36.6557, 0.3935, 0.4008)

Conversions

Conversions Part 1

Format	Color
Hex	BD9F6A
RGB	189, 159, 106
RGB Percent	74%, 62%, 42%
CMY	0.2588, 0.3765, 0.5843
CMYK	0.00, 0.16, 0.44, 0.26
HSL	38°, 39%, 58%
HSV	38°, 44%, 74%
XYZ	35.9881, 36.6557, 18.8126
YIQ	161.9280, 34.8930, -10.1230

Conversions

Conversions Part 2

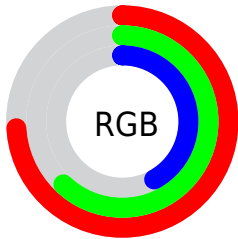
Format	Color
RYB	153, 189, 106
Decimal	12427114
CIELab	67.02, 3.89, 31.74
CIELCh	67, 31.978, 83.017
Yxy	36.6557, 0.3935, 0.4008
Android (android.graphics.Color)	4290617194 (0xFFBD9F6A)
YUV	161.9280, -27.5725, 23.7421
Hunter-Lab	60.5440, 0.1507, 23.9578

Details

The Yxy color **36.6557, 0.3935, 0.4008** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **24.3492, 0.2397, 0.2438**, and the grayscale version is **36.2163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3359, 0.3784, 0.3881**, and **16.0889, 0.4175, 0.4216** is the 20% darker color. If you saturate the color by 10%, you get **34.0209, 0.4153, 0.4159**, and if you desaturate by 10%, it is **39.5105, 0.3726, 0.3844**.

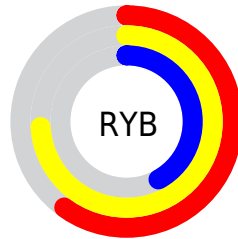
Distribution



Red (74%)

Green (62%)

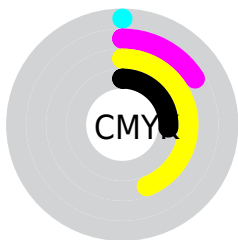
Blue (42%)



Red (60%)

Yellow (74%)

Blue (42%)

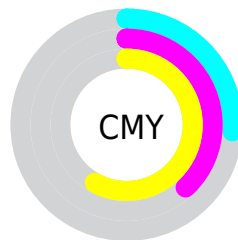


Cyan (0%)

Magenta (16%)

Yellow (44%)

Black (26%)



Cyan (26%)


Magenta (38%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6557, 0.3935, 0.4008 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 36.6557, 0.3935, 0.4008 by changing the saturation by 10% instead.


 36.6557, 0.3935,
0.4008


 36.6557, 0.3935,
0.4008


331.8175, 0.3520,
0.3647


 24.9410, 0.4039,
0.4096


 70.0429, 0.3783,
0.3878

 16.0331, 0.4171,
0.4205


 92.4843, 0.3727,
0.3828

 9.5476, 0.4342,
0.4343


 119.2700, 0.3679,
0.3786

 5.1000, 0.4566,
0.4514

 150.7844, 0.3638,
0.3750

 2.3061, 0.5075,
0.4925

187.4120, 0.3602,
0.3719

 0.7769, 0.5175,
0.4825

229.5371, 0.3572,

 0.0000, 0.0000,

0.3692

0.0000

277.5441, 0.3544,
0.3668

■ 36.6557, 0.3935,
0.4008

■ 36.6557, 0.3935,
0.4008

■ 34.0209, 0.4153,
0.4159

■ 39.5105, 0.3726,
0.3844

■ 31.5932, 0.4371,
0.4286

■ 42.5875, 0.3530,
0.3676

■ 29.3657, 0.4579,
0.4379

■ 45.8951, 0.3349,
0.3510

■ 27.3287, 0.4767,
0.4426

■ 49.4398, 0.3186,
0.3350

■ 25.4711, 0.4925,
0.4423

■ 53.2277, 0.3040,
0.3199

■ 24.4177, 0.5011,
0.4403

■ 57.2646, 0.2910,
0.3059

■ 61.5562, 0.2794,
0.2928

■ 65.9647, 0.2704,
0.2831

■ 69.4893, 0.2711,
0.2909

Harmonies

Analogous

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



36.6557, 0.4095, 0.3682



36.6557, 0.3935, 0.4008



36.6557, 0.3559, 0.4167

Triad

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



36.6557, 0.3935, 0.4008



36.6557, 0.2344, 0.3190



36.6557, 0.3110, 0.2661

Complementary

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



36.6557, 0.3935, 0.4008



24.3492, 0.2397, 0.2438

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.



36.6557, 0.2660, 0.2524



36.6557, 0.3935, 0.4008



36.6557, 0.2245, 0.2788

Square

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



36.6557, 0.3935, 0.4008



36.6557, 0.2643, 0.3674



36.6557, 0.2355, 0.2560



36.6557, 0.3600, 0.2936

Rectangle

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



36.6557, 0.3935, 0.4008



36.6557, 0.3246, 0.4124



36.6557, 0.2355, 0.2560



36.6557, 0.2949, 0.2598

Sweetspot

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



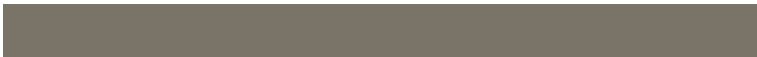
36.6574, 0.3935, 0.4008



82.6244, 0.3337, 0.3499



22.9177, 0.3837, 0.2872



17.4770, 0.3375, 0.3535



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.6574, 0.3935, 0.4008



60.9557, 0.4151, 0.4158



46.8996, 0.3670, 0.4397



10.5245, 0.3273, 0.3436



16.5757, 0.4998, 0.4414



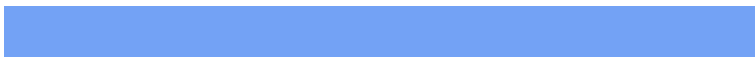
0.7693, 0.4759, 0.4604

Inverse Universe

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



24.3492, 0.2397, 0.2438



36.0560, 0.2225, 0.2202



17.7683, 0.2412, 0.1977



9.7749, 0.2984, 0.3139



5.4138, 0.1660, 0.1174



0.3376, 0.1799, 0.1676

Previews

White Background



This preview shows how the Yxy color 36.6557, 0.3935, 0.4008 looks on a white background.

Color Contrast Check

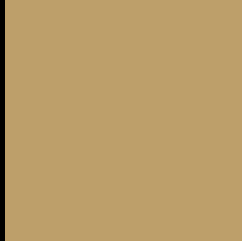
Large Text (above 18pt) WCAG AA × Fail

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 36.6557, 0.3935, 0.4008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

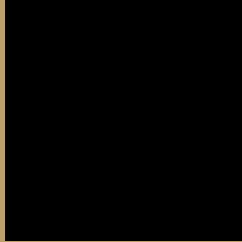
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6557, 0.3935, 0.4008

Background



This preview shows how black text looks on a background with the Yxy color 36.6557, 0.3935, 0.4008.



This preview shows how white text looks on a background with the Yxy color 36.6557, 0.3935, 0.4008.

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

36.6557, 0.3935, 0.4008

Protanopia

36.6242, 0.3769, 0.4068

Deuteranopia

36.5742, 0.4017, 0.3938



Tritanopia

36.7389, 0.3448, 0.3133

Trichromacy



Original Color

36.6557, 0.3935, 0.4008

Protanomaly

36.7260, 0.3825, 0.4057

Deuteranomaly

36.5129, 0.3979, 0.3959

Tritanomaly

36.7633, 0.3632, 0.3453

Monochromacy



Original Color

36.6557, 0.3935, 0.4008

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.2134, 0.3409, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6557, 0.3935, 0.4008 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(189, 159, 106)` looks like.

```
.text, #text, p{  
    color:rgb(189, 159, 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(189, 159, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 159, 106) }
```

Border

The CSS property to change the border of an element to Yxy 36.6557, 0.3935, 0.4008 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(189, 159, 106) }
```

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

```
.border{ border-color:rgb(189, 159, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 159, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 159, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 159, 106);  
box-shadow:4px 4px 4px 4px rgb(189, 159,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6557, 0.3935, 0.4008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 159, 106) }
```

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

```
.background{ background-color: rgb(189,  
159, 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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