

Converting Colors

$Yxy(36.7086, 0.3892, 0.3687)$

Have a look what the booklet for
Yxy(36.7086, 0.3892, 0.3687)
contains.

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Color

Yxy(36.7086, 0.3892, 0.3687)

Conversions

Conversions Part 1

Format	Color
Hex	C79A7C
RGB	199, 154, 124
RGB Percent	78%, 60%, 49%
CMY	0.2195, 0.3961, 0.5138
CMYK	0.00, 0.23, 0.38, 0.22
HSL	24°, 40%, 63%
HSV	24°, 38%, 78%
XYZ	38.7496, 36.7086, 24.1040
YIQ	164.0350, 36.4500, 0.2100

Conversions

Conversions Part 2

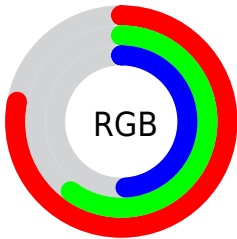
Format	Color
R _{YB}	199, 174, 124
Decimal	13081212
CIE Lab	67.06, 12.74, 22.22
CIE LCh	67, 25.610, 60.166
Yxy	36.7086, 0.3892, 0.3687
Android (android.graphics.Color)	4291271292 (0xFFC79A7C)
YUV	164.0350, -19.7373, 30.6643
Hunter-Lab	60.5876, 8.1337, 18.8236

Details

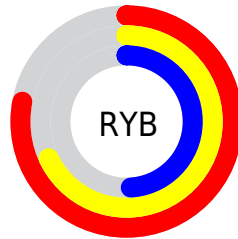
The Yxy color **36.7086, 0.3892, 0.3687** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.7833, 0.2543, 0.2851**, and the grayscale version is **37.2254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5461, 0.3726, 0.3612**, and **16.0481, 0.4122, 0.3791** is the 20% darker color. If you saturate the color by 10%, you get **32.5094, 0.4168, 0.3791**, and if you desaturate by 10%, it is **41.4050, 0.3648, 0.3578**.

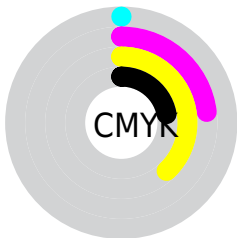
Distribution



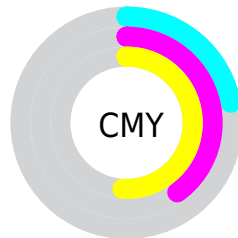
- Red (78%)
- Green (60%)
- Blue (49%)



- Red (78%)
- Yellow (68%)
- Blue (49%)



- Cyan (0%)
- Magenta (23%)
- Yellow (38%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7086, 0.3892, 0.3687 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 36.7086, 0.3892, 0.3687 by changing the saturation by 10% instead.


 36.7086, 0.3892,
0.3687


 36.7086, 0.3892,
0.3687


332.0472, 0.3493,
0.3492


 24.9820, 0.3996,
0.3733


 70.1244, 0.3743,
0.3618

 16.0636, 0.4132,
0.3789


 92.5823, 0.3688,
0.3592

 9.5692, 0.4316,
0.3860


 119.3861, 0.3642,
0.3569

 5.1143, 0.4576,
0.3945

150.9202, 0.3603,
0.3549

 2.3145, 0.5024,
0.4088

187.5690, 0.3570,
0.3532

 0.7813, 0.5784,
0.4216

229.7168, 0.3541,

 0.0000, 1.0000,

0.3517

0.0000

277.7481, 0.3515,
0.3504

0.0000, 0.0000,
0.0000

36.7086, 0.3892,
0.3687

36.7086, 0.3892,
0.3687

32.5094, 0.4168,
0.3791

41.4050, 0.3648,
0.3578

28.7845, 0.4471,
0.3880

46.6099, 0.3435,
0.3470

25.5171, 0.4791,
0.3944


52.3408, 0.3251,
0.3366

22.6868, 0.5110,
0.3970

58.6127, 0.3093,
0.3268

20.2714, 0.5404,
0.3946

65.4398, 0.2958,
0.3178


 18.2437, 0.5651,
0.3872

 72.8361, 0.2842,
0.3095

 17.8266, 0.5705,
0.3852

 80.2691, 0.2786,
0.3104

 87.4376, 0.2796,
0.3231

 90.8848, 0.2800,
0.3289

Harmonies

Analogous

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



36.7086, 0.3846, 0.3380



36.7086, 0.3892, 0.3687



36.7086, 0.3721, 0.3917

Triad

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



36.7086, 0.3892, 0.3687



36.7086, 0.2668, 0.3507



36.7086, 0.2831, 0.2679

Complementary

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



36.7086, 0.3892, 0.3687



36.7833, 0.2543, 0.2851

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.



36.7086, 0.2547, 0.2678



36.7086, 0.3892, 0.3687



36.7086, 0.2457, 0.3131

Square

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



36.7086, 0.3892, 0.3687



36.7086, 0.3008, 0.3835



36.7086, 0.2415, 0.2832



36.7086, 0.3212, 0.2821

Rectangle

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



36.7086, 0.3892, 0.3687



36.7086, 0.3514, 0.3985



36.7086, 0.2415, 0.2832



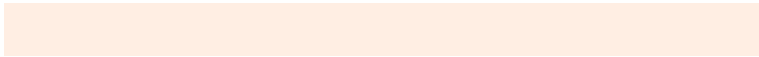
36.7086, 0.2722, 0.2662

Sweetspot

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



36.7103, 0.3892, 0.3687



88.0524, 0.3311, 0.3401



29.4192, 0.3493, 0.2710



18.5491, 0.3336, 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.



36.7103, 0.3892, 0.3687



58.3447, 0.4109, 0.3770



51.0864, 0.3719, 0.4136



11.3217, 0.3280, 0.3383



11.6216, 0.5681, 0.3872



0.6914, 0.5300, 0.4174

Inverse Universe

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



36.7833, 0.2543, 0.2851



58.4639, 0.2425, 0.2740



24.7702, 0.2459, 0.2273



11.3280, 0.2984, 0.3195



11.3701, 0.1871, 0.1936



0.6774, 0.1958, 0.2249

Previews

White Background



This preview shows how the Yxy color 36.7086, 0.3892, 0.3687 looks on a white background.

Color Contrast Check

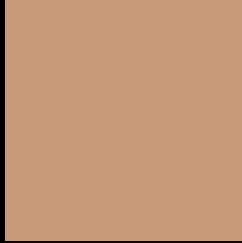
Large Text (above 18pt) WCAG AA × Fail

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 36.7086, 0.3892, 0.3687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

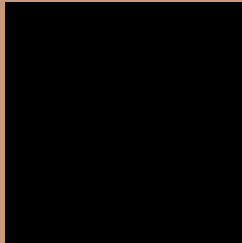
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7086, 0.3892, 0.3687

Background



This preview shows how black text looks on a background with the Yxy color 36.7086, 0.3892, 0.3687.



This preview shows how white text looks on a background with the Yxy color 36.7086, 0.3892, 0.3687.

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

36.7086, 0.3892, 0.3687

Protanopia

36.7516, 0.3555, 0.3793

Deuteranopia

36.7505, 0.3814, 0.3751



Tritanopia

36.7295, 0.3578, 0.3150

Trichromacy



Original Color

36.7086, 0.3892, 0.3687

Protanomaly

36.7412, 0.3668, 0.3751

Deuteranomaly

36.8091, 0.3850, 0.3732

Tritanomaly

36.7964, 0.3697, 0.3344

Monochromacy



Original Color

36.7086, 0.3892, 0.3687

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.6586, 0.3396, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7086, 0.3892, 0.3687 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(199, 154, 124)` looks like.

```
.text, #text, p{  
    color:rgb(199, 154, 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(199, 154, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 154, 124) }
```

Border

The CSS property to change the border of an element to Yxy 36.7086, 0.3892, 0.3687 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(199, 154, 124) }
```

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

```
.border{ border-color:rgb(199, 154, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 154, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 154, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 154, 124);  
box-shadow:4px 4px 4px 4px rgb(199, 154,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7086, 0.3892, 0.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 154, 124) }
```

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

```
.background{ background-color: rgb(199,  
154, 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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