

Converting Colors

$Yxy(42.5348, 0.3955, 0.3923)$

Have a look what the booklet for
Yxy(42.5348, 0.3955, 0.3923)
contains.

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Color

Yxy(42.5787, 0.3957, 0.3918)

Conversions

Conversions Part 1

Format	Color
Hex	CFA876
RGB	207, 168, 118
RGB Percent	81%, 66%, 46%
CMY	0.1883, 0.3411, 0.5372
CMYK	0.00, 0.19, 0.43, 0.19
HSL	34°, 48%, 64%
HSV	34°, 43%, 81%
XYZ	43.0025, 42.5787, 23.0933
YIQ	173.9610, 39.2940, -7.2820

Conversions

Conversions Part 2

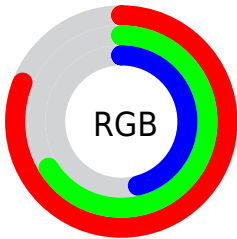
Format	Color
RYB	187, 207, 118
Decimal	13609078
CIELab	71.27, 7.69, 31.19
CIELCh	71, 32.124, 76.152
Yxy	42.5787, 0.3957, 0.3918
Android (android.graphics.Color)	4291799158 (0xFFCFA876)
YUV	173.9610, -27.5888, 28.9752
Hunter-Lab	65.2524, 3.4432, 24.6934

Details

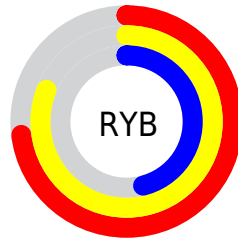
The Yxy color $42.5787, 0.3957, 0.3918$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $32.4654, 0.2426, 0.2558$, and the grayscale version is $42.4365, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.9756, 0.3723, 0.3822$, and $19.4998, 0.4191, 0.4069$ is the 20% darker color. If you saturate the color by 10%, you get $38.9091, 0.4198, 0.4054$, and if you desaturate by 10%, it is $46.5938, 0.3731, 0.3770$.

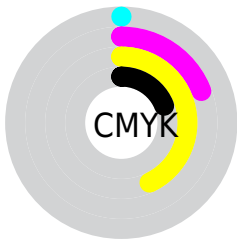
Distribution



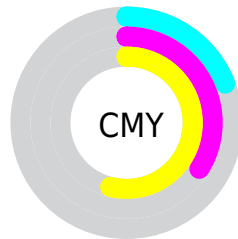
- Red (81%)
- Green (66%)
- Blue (46%)



- Red (73%)
- Yellow (81%)
- Blue (46%)



- Cyan (0%)
- Magenta (19%)
- Yellow (43%)
- Black (19%)





- Cyan (19%)
- Magenta (34%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5787, 0.3957, 0.3918 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 42.5787, 0.3957, 0.3918 by changing the saturation by 10% instead.

 42.5787, 0.3957,
0.3918


 42.5787, 0.3957,
0.3918


356.8763, 0.3539,
0.3613


 29.5547, 0.4060,
0.3989


 79.0747, 0.3805,
0.3811

 19.5008, 0.4190,
0.4076


 103.3155, 0.3748,
0.3769

 12.0327, 0.4359,
0.4183


 132.0640, 0.3700,
0.3734

 6.7660, 0.4582,
0.4314

165.7047, 0.3658,
0.3703

 3.3162, 0.4950,
0.4527

204.6218, 0.3623,
0.3676

 1.2989, 0.5348,
0.4652

249.1999, 0.3591,

 0.1404, 0.6958,

0.3653

0.3042

299.8232, 0.3563,
0.3632

0.0000, 0.0000,
0.0000

42.5787, 0.3957,
0.3918

42.5787, 0.3957,
0.3918

38.9091, 0.4198,
0.4054

46.5938, 0.3731,
0.3770

35.5670, 0.4447,
0.4169

50.9594, 0.3524,
0.3620

32.5416, 0.4692,
0.4248

55.6880, 0.3338,
0.3472

29.8187, 0.4919,
0.4283

60.7895, 0.3173,
0.3331

27.3820, 0.5116,
0.4264

66.2732, 0.3027,
0.3198

■ 25.8276, 0.5236,
0.4225

■ 72.1484, 0.2898,
0.3074

■ 77.9042, 0.2829,
0.3041

■ 83.1261, 0.2835,
0.3138

■ 88.6150, 0.2840,
0.3233

Harmonies

Analogous

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



42.5787, 0.4050, 0.3586



42.5787, 0.3957, 0.3918



42.5787, 0.3637, 0.4113

Triad

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



42.5787, 0.3957, 0.3918



42.5787, 0.2427, 0.3301



42.5787, 0.3005, 0.2643

Complementary

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



42.5787, 0.3957, 0.3918



32.4654, 0.2426, 0.2558

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.



42.5787, 0.2598, 0.2548



42.5787, 0.3957, 0.3918



42.5787, 0.2285, 0.2886

Square

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



42.5787, 0.3957, 0.3918



42.5787, 0.2753, 0.3755



42.5787, 0.2345, 0.2625



42.5787, 0.3477, 0.2881

Rectangle

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



42.5787, 0.3957, 0.3918



42.5787, 0.3348, 0.4113



42.5787, 0.2345, 0.2625



42.5787, 0.2856, 0.2593

Sweetspot

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



42.5807, 0.3957, 0.3918



89.1283, 0.3341, 0.3474



28.6925, 0.3728, 0.2787



18.7042, 0.3381, 0.3507



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.



42.5807, 0.3957, 0.3918



62.5688, 0.4189, 0.4050



58.5597, 0.3725, 0.4356



12.8946, 0.3277, 0.3421



16.4661, 0.5218, 0.4239



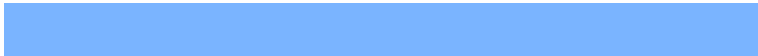
1.0772, 0.4980, 0.4428

Inverse Universe

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



32.4654, 0.2426, 0.2558



44.2257, 0.2267, 0.2356



21.6340, 0.2363, 0.1979



12.2576, 0.2982, 0.3156



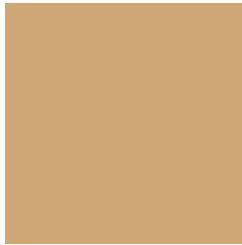
7.6991, 0.1719, 0.1390



0.5872, 0.1819, 0.1748

Previews

White Background



This preview shows how the Yxy color 42.5787, 0.3957, 0.3918 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 42.5787, 0.3957, 0.3918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

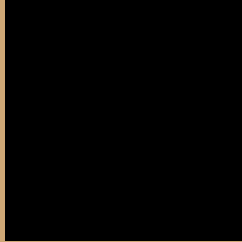
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

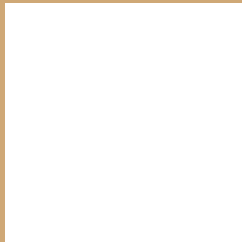
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.5787, 0.3957, 0.3918

Background



This preview shows how black text looks on a background with the Yxy color 42.5787, 0.3957, 0.3918.



This preview shows how white text looks on a background with the Yxy color 42.5787, 0.3957, 0.3918.

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

42.5787, 0.3957, 0.3918

Protanopia

42.8592, 0.3720, 0.4010

Deuteranopia

42.5007, 0.3982, 0.3901



Tritanopia

42.5039, 0.3509, 0.3144

Trichromacy



Original Color

42.5787, 0.3957, 0.3918

Protanomaly

42.5969, 0.3811, 0.3968

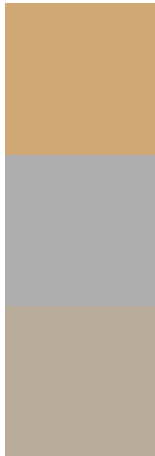
Deuteranomaly

42.3553, 0.3972, 0.3904

Tritanomaly

42.5525, 0.3675, 0.3429

Monochromacy



Original Color

42.5787, 0.3957, 0.3918

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.2772, 0.3412, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5787, 0.3957, 0.3918 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(207, 168, 118)` looks like.

```
.text, #text, p{  
    color:rgb(207, 168, 118)  
}
```

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(207, 168, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 168, 118) }
```

Border

The CSS property to change the border of an element to Yxy 42.5787, 0.3957, 0.3918 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(207, 168, 118) }
```

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

```
.border{ border-color:rgb(207, 168, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 168, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 168, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 168, 118);  
box-shadow:4px 4px 4px 4px rgb(207, 168,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5787, 0.3957, 0.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 168, 118) }
```

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

```
.background{ background-color: rgb(207,  
168, 118) }
```

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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