

Converting Colors

$Yxy(37.2804, 0.3911, 0.3626)$

Have a look what the booklet for
Yxy(37.2804, 0.3911, 0.3626)
contains.

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Color

Yxy(37.1521, 0.3918, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	CC997F
RGB	204, 153, 127
RGB Percent	80%, 60%, 50%
CMY	0.2000, 0.4000, 0.5020
CMYK	0.00, 0.25, 0.38, 0.20
HSL	20°, 43%, 65%
HSV	20°, 38%, 80%
XYZ	40.1218, 37.1521, 25.1299
YIQ	165.2850, 38.7420, 2.7260

Conversions

Conversions Part 2

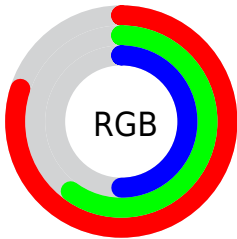
Format	Color
RYB	204, 166, 127
Decimal	13408639
CIELab	67.39, 15.63, 21.10
CIELCh	67, 26.257, 53.467
Yxy	37.1521, 0.3918, 0.3628
Android (android.graphics.Color)	4291598719 (0xFFCC997F)
YUV	165.2850, -18.8745, 33.9531
Hunter-Lab	60.9525, 10.8302, 18.2223

Details

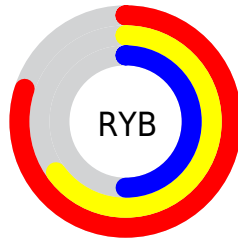
The Yxy color **37.1521, 0.3918, 0.3628** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **40.6996, 0.2552, 0.2920**, and the grayscale version is **37.8495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1809, 0.3706, 0.3571**, and **16.3487, 0.4160, 0.3708** is the 20% darker color. If you saturate the color by 10%, you get **32.5006, 0.4212, 0.3716**, and if you desaturate by 10%, it is **42.4153, 0.3661, 0.3535**.

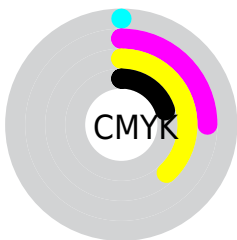
Distribution



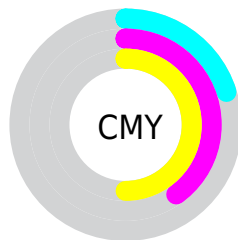
- Red (80%)
- Green (60%)
- Blue (50%)



- Red (80%)
- Yellow (65%)
- Blue (50%)



- Cyan (0%)
- Magenta (25%)
- Yellow (38%)
- Black (20%)





- Cyan (20%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1521, 0.3918, 0.3628 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 37.1521, 0.3918, 0.3628 by changing the saturation by 10% instead.


 37.1521, 0.3918,
0.3628


 37.1521, 0.3918,
0.3628

333.9686, 0.3505,
0.3466

 25.3253, 0.4026,
0.3665


 70.8067, 0.3764,
0.3571

 16.3196, 0.4167,
0.3710


 93.4032, 0.3707,
0.3549

 9.7506, 0.4358,
0.3765


 120.3584, 0.3660,
0.3530

 5.2339, 0.4629,
0.3828

152.0567, 0.3620,
0.3514

 2.3851, 0.5067,
0.3913

188.8824, 0.3585,
0.3499

 0.8182, 0.5948,
0.4052

231.2201, 0.3555,

 0.0000, 1.0000,

0.3487

0.0000

279.4540, 0.3528,
0.3476

0.0000, 0.0000,
0.0000

37.1521, 0.3918,
0.3628

37.1521, 0.3918,
0.3628

32.5006, 0.4212,
0.3716

42.4153, 0.3661,
0.3535

28.4324, 0.4539,
0.3790

48.3066, 0.3441,
0.3443

24.9244, 0.4888,
0.3840

54.8486, 0.3253,
0.3355


21.9499, 0.5237,
0.3852

62.0609, 0.3094,
0.3272


19.4794, 0.5558,
0.3818

69.9624, 0.2959,
0.3195

 17.4779, 0.5822,
0.3736

 78.5710, 0.2844,
0.3125

 17.0847, 0.5877,
0.3715

 86.9153, 0.2822,
0.3211

 91.5765, 0.2827,
0.3289

Harmonies

Analogous

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



37.1521, 0.3820, 0.3308



37.1521, 0.3918, 0.3628



37.1521, 0.3789, 0.3889

Triad

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



37.1521, 0.3918, 0.3628



37.1521, 0.2727, 0.3596



37.1521, 0.2749, 0.2653

Complementary

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



37.1521, 0.3918, 0.3628



40.6996, 0.2552, 0.2920

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.



37.1521, 0.2490, 0.2686



37.1521, 0.3918, 0.3628



37.1521, 0.2477, 0.3209

Square

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



37.1521, 0.3918, 0.3628



37.1521, 0.3092, 0.3901



37.1521, 0.2395, 0.2879



37.1521, 0.3123, 0.2769

Rectangle

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



37.1521, 0.3918, 0.3628



37.1521, 0.3599, 0.3987



37.1521, 0.2395, 0.2879



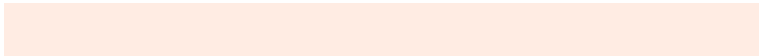
37.1521, 0.2646, 0.2647

Sweetspot

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



37.1539, 0.3918, 0.3628



87.0414, 0.3313, 0.3384



31.2391, 0.3438, 0.2648



18.3090, 0.3339, 0.3396



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.



37.1539, 0.3918, 0.3628



55.4118, 0.4145, 0.3698



51.6996, 0.3742, 0.4082



11.8230, 0.3282, 0.3369



10.9094, 0.5852, 0.3736



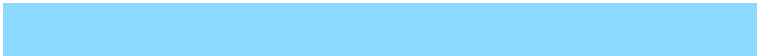
0.7028, 0.5469, 0.4039

Inverse Universe

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



40.6996, 0.2552, 0.2920



62.0434, 0.2440, 0.2829



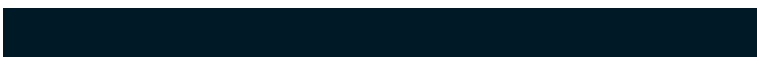
27.5741, 0.2468, 0.2347



12.0636, 0.2983, 0.3210



13.8396, 0.1932, 0.2155



0.8508, 0.2001, 0.2403

Previews

White Background



This preview shows how the Yxy color 37.1521, 0.3918, 0.3628 looks on a white background.

Color Contrast Check

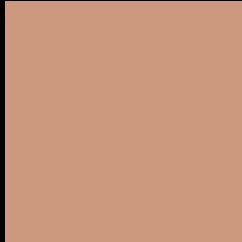
Large Text (above 18pt) WCAG AA × Fail

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 37.1521, 0.3918, 0.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

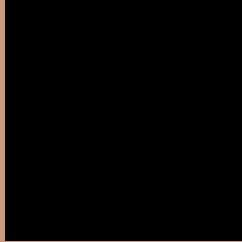
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1521, 0.3918, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 37.1521, 0.3918, 0.3628.



This preview shows how white text looks on a background with the Yxy color 37.1521, 0.3918, 0.3628.

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

37.1521, 0.3918, 0.3628

Protanopia

37.2155, 0.3515, 0.3748

Deuteranopia

37.2975, 0.3790, 0.3722



Tritanopia

36.9833, 0.3622, 0.3140

Trichromacy



Original Color

37.1521, 0.3918, 0.3628

Protanomaly

37.0676, 0.3660, 0.3706

Deuteranomaly

37.1536, 0.3841, 0.3689

Tritanomaly

37.0726, 0.3732, 0.3317

Monochromacy



Original Color

37.1521, 0.3918, 0.3628

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.3078, 0.3395, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1521, 0.3918, 0.3628 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(204, 153, 127)` looks like.

```
.text, #text, p{  
    color:rgb(204, 153, 127)  
}
```

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(204, 153, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 153, 127) }
```

Border

The CSS property to change the border of an element to Yxy 37.1521, 0.3918, 0.3628 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(204, 153, 127) }
```

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

```
.border{ border-color:rgb(204, 153, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 153, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 153, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 153, 127);  
box-shadow:4px 4px 4px 4px rgb(204, 153,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1521, 0.3918, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 153, 127) }
```

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

```
.background{ background-color: rgb(204,  
153, 127) }
```

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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