

Converting Colors

$Yxy(37.8181, 0.4060, 0.3667)$

Have a look what the booklet for
Yxy(37.8181, 0.4060, 0.3667)
contains.

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Color

Yxy(37.8587, 0.4057, 0.3666)

Conversions

Conversions Part 1

Format	Color
Hex	D4987A
RGB	212, 152, 122
RGB Percent	83%, 60%, 48%
CMY	0.1686, 0.4039, 0.5215
CMYK	0.00, 0.28, 0.42, 0.17
HSL	20°, 51%, 65%
HSV	20°, 42%, 83%
XYZ	41.8965, 37.8587, 23.5145
YIQ	166.5200, 45.3900, 3.3900

Conversions

Conversions Part 2

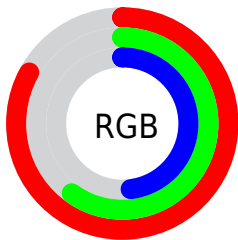
Format	Color
R _{YB}	212, 167, 122
Decimal	13932666
CIE Lab	67.92, 18.82, 24.69
CIE LCh	68, 31.043, 52.689
Yxy	37.8587, 0.4057, 0.3666
Android (android.graphics.Color)	4292122746 (0xFFD4987A)
YUV	166.5200, -21.9484, 39.8860
Hunter-Lab	61.5294, 13.8675, 20.4119

Details

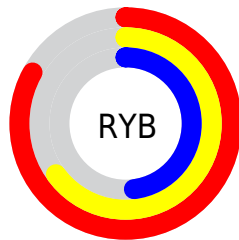
The Yxy color **37.8587, 0.4057, 0.3666** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.3607, 0.2484, 0.2871**, and the grayscale version is **38.4918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4978, 0.3748, 0.3613**, and **16.7570, 0.4339, 0.3753** is the 20% darker color. If you saturate the color by 10%, you get **33.0720, 0.4370, 0.3748**, and if you desaturate by 10%, it is **43.3108, 0.3781, 0.3576**.

Distribution



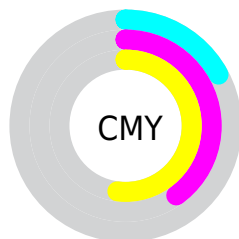
- Red (83%)
- Green (60%)
- Blue (48%)



- Red (83%)
- Yellow (65%)
- Blue (48%)



- Cyan (0%)
- Magenta (28%)
- Yellow (42%)
- Black (17%)





- Cyan (17%)
- Magenta (40%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8587, 0.4057, 0.3666 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 37.8587, 0.4057, 0.3666 by changing the saturation by 10% instead.


 37.8587, 0.4057,
0.3666

 37.8587, 0.4057,
0.3666


337.0134, 0.3573,
0.3490

 25.8730, 0.4182,
0.3704


 71.8915, 0.3878,
0.3606

 16.7287, 0.4344,
0.3749


 94.7075, 0.3811,
0.3582

 10.0412, 0.4562,
0.3800


 121.9023, 0.3756,
0.3562

 5.4263, 0.4865,
0.3852

153.8604, 0.3708,
0.3544

 2.4995, 0.5381,
0.3937

190.9661, 0.3667,
0.3528

 0.8764, 0.6112,
0.3888

233.6040, 0.3632,

 0.0000, 1.0000,

0.3514

0.0000

282.1583, 0.3601,
0.3501

0.0000, 0.0000,
0.0000

37.8587, 0.4057,
0.3666

37.8587, 0.4057,
0.3666

33.0720, 0.4370,
0.3748

43.3108, 0.3781,
0.3576

28.9185, 0.4712,
0.3811

49.4478, 0.3542,
0.3484

25.3713, 0.5068,
0.3843


56.2953, 0.3338,
0.3394

22.3992, 0.5411,
0.3832


63.8757, 0.3165,
0.3310


19.9676, 0.5708,
0.3772

72.2105, 0.3019,
0.3231

 18.4599, 0.5894,
0.3702

 81.3202, 0.2895,
0.3159

 90.1911, 0.2870,
0.3248

 92.7395, 0.2872,
0.3289

Harmonies

Analogous

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



37.8587, 0.3936, 0.3295



37.8587, 0.4057, 0.3666



37.8587, 0.3907, 0.3979

Triad

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



37.8587, 0.4057, 0.3666



37.8587, 0.2666, 0.3663



37.8587, 0.2674, 0.2551

Complementary

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



37.8587, 0.4057, 0.3666



42.3607, 0.2484, 0.2871

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.



37.8587, 0.2381, 0.2589



37.8587, 0.4057, 0.3666



37.8587, 0.2375, 0.3201

Square

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



37.8587, 0.4057, 0.3666



37.8587, 0.3093, 0.4023



37.8587, 0.2277, 0.2812



37.8587, 0.3106, 0.2681

Rectangle

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



37.8587, 0.4057, 0.3666



37.8587, 0.3685, 0.4105



37.8587, 0.2277, 0.2812



37.8587, 0.2557, 0.2544

Sweetspot

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



37.8605, 0.4057, 0.3666



84.7439, 0.3351, 0.3400



31.3615, 0.3474, 0.2550



17.6255, 0.3394, 0.3420



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.



37.8605, 0.4057, 0.3666



50.8474, 0.4340, 0.3741



54.6666, 0.3831, 0.4164



13.0901, 0.3283, 0.3368



11.5596, 0.5868, 0.3723



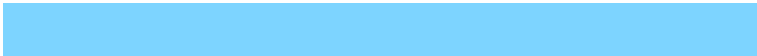
0.8473, 0.5530, 0.3991

Inverse Universe

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



42.3607, 0.2484, 0.2871



58.4993, 0.2360, 0.2763



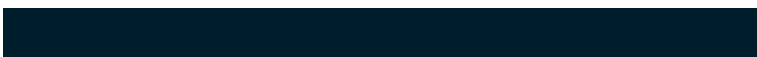
27.2167, 0.2377, 0.2225



13.3783, 0.2982, 0.3210



14.9531, 0.1936, 0.2169



1.0512, 0.1996, 0.2385

Previews

White Background



This preview shows how the Yxy color 37.8587, 0.4057, 0.3666 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 37.8587, 0.4057, 0.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

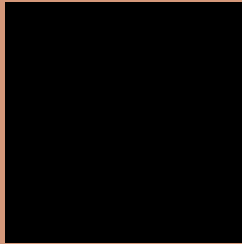
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8587, 0.4057, 0.3666

Background



This preview shows how black text looks on a background with the Yxy color 37.8587, 0.4057, 0.3666.



This preview shows how white text looks on a background with the Yxy color 37.8587, 0.4057, 0.3666.

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

37.8587, 0.4057, 0.3666

Protanopia

38.1781, 0.3575, 0.3827

Deuteranopia

37.9125, 0.3865, 0.3795



Tritanopia

37.7831, 0.3728, 0.3156

Trichromacy



Original Color

37.8587, 0.4057, 0.3666

Protanomaly

37.9432, 0.3746, 0.3766

Deuteranomaly

37.7140, 0.3943, 0.3746

Tritanomaly

37.8354, 0.3850, 0.3342

Monochromacy



Original Color

37.8587, 0.4057, 0.3666

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.1423, 0.3432, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8587, 0.4057, 0.3666 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(212, 152, 122)` looks like.

```
.text, #text, p{  
    color:rgb(212, 152, 122)  
}
```

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(212, 152, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 152, 122) }
```

Border

The CSS property to change the border of an element to Yxy 37.8587, 0.4057, 0.3666 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(212, 152, 122) }
```

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

```
.border{ border-color:rgb(212, 152, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 152, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 152, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 152, 122);  
box-shadow:4px 4px 4px 4px rgb(212, 152,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8587, 0.4057, 0.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 152, 122) }
```

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

```
.background{ background-color: rgb(212,  
152, 122) }
```

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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