

Converting Colors

$Yxy(37.5236, 0.4067, 0.3661)$

Have a look what the booklet for
Yxy(37.5236, 0.4067, 0.3661)
contains.

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Color

Yxy(37.5107, 0.4073, 0.3666)

Conversions

Conversions Part 1

Format	Color
Hex	D49779
RGB	212, 151, 121
RGB Percent	83%, 59%, 47%
CMY	0.1685, 0.4079, 0.5255
CMYK	0.00, 0.29, 0.43, 0.17
HSL	20°, 51%, 65%
HSV	20°, 43%, 83%
XYZ	41.6751, 37.5107, 23.1347
YIQ	165.8190, 45.9860, 3.6020

Conversions

Conversions Part 2

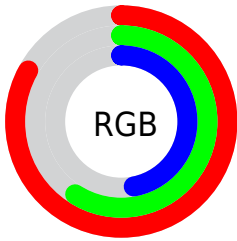
Format	Color
R _Y B	212, 166, 121
Decimal	13932409
CIE Lab	67.66, 19.26, 24.90
CIE LCh	68, 31.474, 52.278
Yxy	37.5107, 0.4073, 0.3666
Android (android.graphics.Color)	4292122489 (0xFFD49779)
YUV	165.8190, -22.0958, 40.5007
Hunter-Lab	61.2460, 14.2808, 20.4764

Details

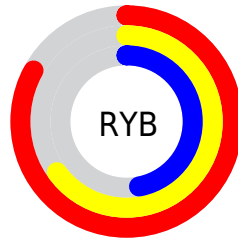
The Yxy color **37.5107, 0.4073, 0.3666** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.2928, 0.2478, 0.2870**, and the grayscale version is **38.1349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9786, 0.3759, 0.3613**, and **16.5508, 0.4363, 0.3752** is the 20% darker color. If you saturate the color by 10%, you get **32.7448, 0.4389, 0.3746**, and if you desaturate by 10%, it is **42.9465, 0.3794, 0.3577**.

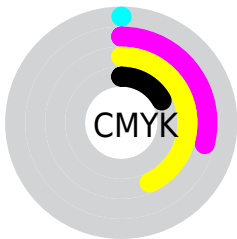
Distribution



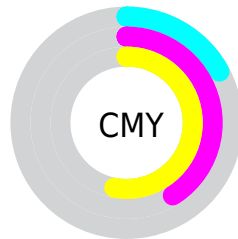
- Red (83%)
- Green (59%)
- Blue (47%)



- Red (83%)
- Yellow (65%)
- Blue (47%)



- Cyan (0%)
- Magenta (29%)
- Yellow (43%)
- Black (17%)





- Cyan (17%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5107, 0.4073, 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 37.5107, 0.4073, 0.3666 by changing the saturation by 10% instead.


 37.5107, 0.4073,
0.3666


 37.5107, 0.4073,
0.3666


335.5163, 0.3580,
0.3491

 25.6032, 0.4201,
0.3704


 71.3575, 0.3890,
0.3606

 16.5270, 0.4366,
0.3748


 94.0656, 0.3823,
0.3582

 9.8978, 0.4588,
0.3797


 121.1427, 0.3766,
0.3562

 5.3313, 0.4898,
0.3847

152.9731, 0.3718,
0.3544

 2.4429, 0.5438,
0.3937

189.9413, 0.3676,
0.3528

 0.8478, 0.6151,
0.3849

232.4316, 0.3640,

 0.0000, 1.0000,

0.3514

0.0000

280.8285, 0.3608,
0.3502

0.0000, 0.0000,
0.0000

37.5107, 0.4073,
0.3666

37.5107, 0.4073,
0.3666

32.7448, 0.4389,
0.3746

42.9465, 0.3794,
0.3577

28.6161, 0.4734,
0.3807

49.0721, 0.3553,
0.3486

25.0974, 0.5091,
0.3837

55.9135, 0.3347,
0.3397


22.1568, 0.5434,
0.3823

63.4933, 0.3173,
0.3313


19.7589, 0.5730,
0.3760

71.8335, 0.3025,
0.3236

 18.3627, 0.5903,
0.3695

 80.9549, 0.2901,
0.3164

 89.9132, 0.2870,
0.3243

 92.7410, 0.2872,
0.3289

Harmonies

Analogous

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



37.5107, 0.3947, 0.3289



37.5107, 0.4073, 0.3666



37.5107, 0.3924, 0.3986

Triad

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



37.5107, 0.4073, 0.3666



37.5107, 0.2663, 0.3676



37.5107, 0.2661, 0.2539

Complementary

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



37.5107, 0.4073, 0.3666



42.2928, 0.2478, 0.2870

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.



37.5107, 0.2367, 0.2580



37.5107, 0.4073, 0.3666



37.5107, 0.2366, 0.3205

Square

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



37.5107, 0.4073, 0.3666



37.5107, 0.3098, 0.4040



37.5107, 0.2263, 0.2808



37.5107, 0.3099, 0.2669

Rectangle

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



37.5107, 0.4073, 0.3666



37.5107, 0.3699, 0.4117



37.5107, 0.2263, 0.2808



37.5107, 0.2544, 0.2532

Sweetspot

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



37.5125, 0.4073, 0.3666



84.6742, 0.3351, 0.3399



31.1048, 0.3479, 0.2542



17.6084, 0.3394, 0.3419



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.



37.5125, 0.4073, 0.3666



49.9782, 0.4376, 0.3743



54.5642, 0.3840, 0.4173



13.0824, 0.3283, 0.3367



11.4972, 0.5878, 0.3715



0.8429, 0.5539, 0.3984

Inverse Universe

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



42.2928, 0.2478, 0.2870



58.1324, 0.2348, 0.2757



26.9094, 0.2368, 0.2211



13.3863, 0.2982, 0.3211



15.0969, 0.1940, 0.2182



1.0591, 0.1999, 0.2396

Previews

White Background



This preview shows how the Yxy color 37.5107, 0.4073, 0.3666 looks on a white background.

Color Contrast Check

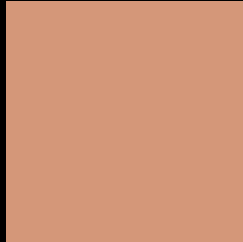
Large Text (above 18pt) WCAG AA × Fail

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 37.5107, 0.4073, 0.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

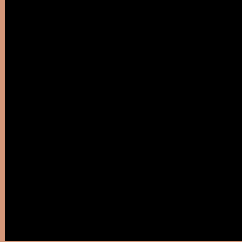
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.5107, 0.4073, 0.3666

Background



This preview shows how black text looks on a background with the Yxy color 37.5107, 0.4073, 0.3666.



This preview shows how white text looks on a background with the Yxy color 37.5107, 0.4073, 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

37.5107, 0.4073, 0.3666

Protanopia

37.6727, 0.3578, 0.3830

Deuteranopia

37.5455, 0.3880, 0.3796



Tritanopia

37.4392, 0.3742, 0.3156

Trichromacy



Original Color

37.5107, 0.4073, 0.3666

Protanomaly

37.4411, 0.3750, 0.3768

Deuteranomaly

37.3553, 0.3958, 0.3746

Tritanomaly

37.4896, 0.3865, 0.3342

Monochromacy



Original Color

37.5107, 0.4073, 0.3666

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.7590, 0.3444, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5107, 0.4073, 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, 151, 121)` looks like.

```
.text, #text, p{  
    color:rgb(212, 151, 121)  
}
```

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, 151, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 151, 121) }
```

Border

The CSS property to change the border of an element to Yxy 37.5107, 0.4073, 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, 151, 121) }
```

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

```
.border{ border-color:rgb(212, 151, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 151, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 151, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 151, 121);  
box-shadow:4px 4px 4px 4px rgb(212, 151,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5107, 0.4073, 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, 151, 121) }
```

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

```
.background{ background-color: rgb(212,  
151, 121) }
```

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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