

Converting Colors

$Y_{xy}(37.5750, 0.4256, 0.3984)$

Have a look what the booklet for
Yxy(37.5750, 0.4256, 0.3984)
contains.

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Color

Yxy(37.5484, 0.4248, 0.3982)

Conversions

Conversions Part 1

Format	Color
Hex	D19A62
RGB	209, 154, 98
RGB Percent	82%, 60%, 38%
CMY	0.1804, 0.3961, 0.6157
CMYK	0.00, 0.26, 0.53, 0.18
HSL	30°, 55%, 60%
HSV	30°, 53%, 82%
XYZ	40.0567, 37.5484, 16.6903
YIQ	164.0610, 50.7560, -5.7560

Conversions

Conversions Part 2

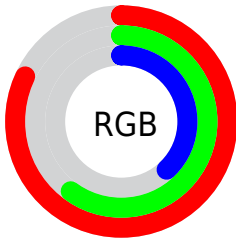
Format	Color
R _Y B	207, 209, 98
Decimal	13736546
CIE Lab	67.69, 14.15, 37.25
CIE LCh	68, 39.849, 69.195
Yxy	37.5484, 0.4248, 0.3982
Android (android.graphics.Color)	4291926626 (0xFFD19A62)
YUV	164.0610, -32.5681, 39.4115
Hunter-Lab	61.2767, 9.4513, 26.7446

Details

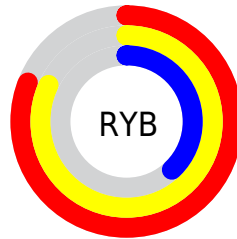
The Yxy color **37.5484, 0.4248, 0.3982** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.9843, 0.2279, 0.2446**, and the grayscale version is **37.2959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5738, 0.3931, 0.3889**, and **16.6062, 0.4567, 0.4127** is the 20% darker color. If you saturate the color by 10%, you get **33.9330, 0.4520, 0.4083**, and if you desaturate by 10%, it is **41.5655, 0.3989, 0.3859**.

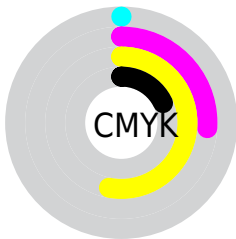
Distribution



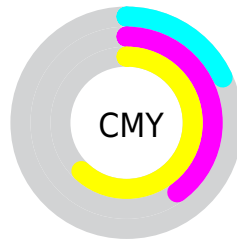
- Red (82%)
- Green (60%)
- Blue (38%)



- Red (81%)
- Yellow (82%)
- Blue (38%)



- Cyan (0%)
- Magenta (26%)
- Yellow (53%)
- Black (18%)




- Cyan (18%)
- Magenta (40%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5484, 0.4248, 0.3982 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 37.5484, 0.4248, 0.3982 by changing the saturation by 10% instead.


 37.5484, 0.4248,
0.3982


 37.5484, 0.4248,
0.3982


335.6787, 0.3674,
0.3654

 25.6324, 0.4390,
0.4052


 71.4154, 0.4039,
0.3870


 16.5488, 0.4568,
0.4133


 94.1352, 0.3961,
0.3826

 9.9133, 0.4796,
0.4223


 121.2251, 0.3894,
0.3787

 5.3415, 0.5095,
0.4313

 153.0693, 0.3837,
0.3754

 2.4490, 0.5568,
0.4432

190.0524, 0.3788,
0.3724

 0.8509, 0.5840,
0.4160

232.5588, 0.3745,

 0.0000, 1.0000,

0.3698

0.0000

280.9728, 0.3708,
0.3675

0.0000, 0.0000,
0.0000

37.5484, 0.4248,
0.3982

37.5484, 0.4248,
0.3982

33.9330, 0.4520,
0.4083

41.5655, 0.3989,
0.3859

30.6983, 0.4792,
0.4150

45.9933, 0.3750,
0.3726

27.8288, 0.5048,
0.4171

50.8472, 0.3534,
0.3589

25.3052, 0.5271,
0.4138

56.1400, 0.3343,
0.3456

23.7505, 0.5406,
0.4090

61.8838, 0.3175,
0.3328

■ 68.0904, 0.3028,
0.3209

■ 74.7708, 0.2901,
0.3098

■ 81.2610, 0.2845,
0.3099

■ 87.4276, 0.2850,
0.3208

Harmonies

Analogous

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



37.5484, 0.4299, 0.3535



37.5484, 0.4248, 0.3982



37.5484, 0.3884, 0.4310

Triad

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



37.5484, 0.4248, 0.3982



37.5484, 0.2309, 0.3434



37.5484, 0.2830, 0.2432

Complementary

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



37.5484, 0.4248, 0.3982



29.9843, 0.2279, 0.2446

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.



37.5484, 0.2359, 0.2355



37.5484, 0.4248, 0.3982



37.5484, 0.2082, 0.2865

Square

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



37.5484, 0.4248, 0.3982



37.5484, 0.2759, 0.4025



37.5484, 0.2101, 0.2493



37.5484, 0.3433, 0.2690

Rectangle

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



37.5484, 0.4248, 0.3982



37.5484, 0.3529, 0.4384



37.5484, 0.2101, 0.2493



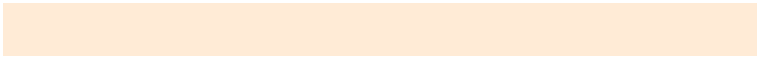
37.5484, 0.2653, 0.2384

Sweetspot

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



37.5502, 0.4248, 0.3982



85.4179, 0.3399, 0.3496



24.6080, 0.3868, 0.2611



17.9103, 0.3438, 0.3524



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.



37.5502, 0.4248, 0.3982



52.3527, 0.4564, 0.4097



60.0443, 0.3893, 0.4556



12.7798, 0.3278, 0.3407



14.8400, 0.5384, 0.4107



0.9885, 0.5108, 0.4326

Inverse Universe

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



29.9843, 0.2279, 0.2446



39.2447, 0.2111, 0.2220



15.9351, 0.2109, 0.1607



12.3714, 0.2982, 0.3170



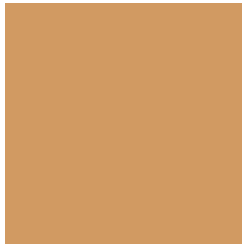
9.0854, 0.1771, 0.1574



0.6667, 0.1864, 0.1910

Previews

White Background



This preview shows how the Yxy color 37.5484, 0.4248, 0.3982 looks on a white background.

Color Contrast Check

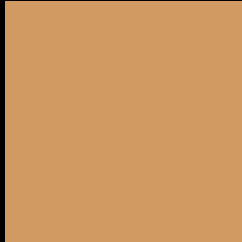
Large Text (above 18pt) WCAG AA × Fail

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 37.5484, 0.4248, 0.3982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

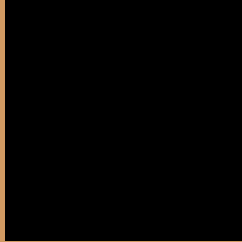
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.5484, 0.4248, 0.3982

Background



This preview shows how black text looks on a background with the Yxy color 37.5484, 0.4248, 0.3982.



This preview shows how white text looks on a background with the Yxy color 37.5484, 0.4248, 0.3982.

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

37.5484, 0.4248, 0.3982

Protanopia

37.5729, 0.3842, 0.4163

Deuteranopia

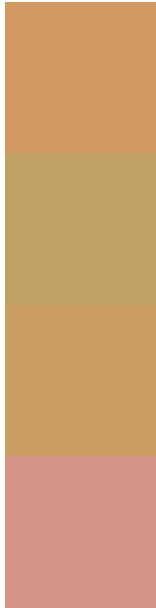
37.7343, 0.4147, 0.4067



Tritanopia

37.6322, 0.3718, 0.3156

Trichromacy



Original Color

37.5484, 0.4248, 0.3982

Protanomaly

37.5057, 0.3989, 0.4090

Deuteranomaly

37.8144, 0.4185, 0.4045

Tritanomaly

37.5873, 0.3921, 0.3468

Monochromacy



Original Color

37.5484, 0.4248, 0.3982

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.7384, 0.3512, 0.3572

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5484, 0.4248, 0.3982 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(209, 154, 98)` looks like.

```
.text, #text, p{  
    color:rgb(209, 154, 98)  
}
```

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(209, 154, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 154, 98) }
```

Border

The CSS property to change the border of an element to Yxy 37.5484, 0.4248, 0.3982 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(209, 154, 98) }
```

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

```
.border{ border-color:rgb(209, 154, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 154, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 154, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 154, 98);  
box-shadow:4px 4px 4px 4px rgb(209, 154,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5484, 0.4248, 0.3982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 154, 98) }
```

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

```
.background{ background-color: rgb(209,  
154, 98) }
```

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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