

Converting Colors

$Yxy(38.3784, 0.4050, 0.3691)$

Have a look what the booklet for
Yxy(38.3784, 0.4050, 0.3691)
contains.

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Color

Yxy(38.5134, 0.4046, 0.3691)

Conversions

Conversions Part 1

Format	Color
Hex	D49A7A
RGB	212, 154, 122
RGB Percent	83%, 60%, 48%
CMY	0.1686, 0.3960, 0.5217
CMYK	0.00, 0.27, 0.42, 0.17
HSL	21°, 51%, 65%
HSV	21°, 42%, 83%
XYZ	42.2176, 38.5134, 23.6131
YIQ	167.6940, 44.8400, 2.3440

Conversions

Conversions Part 2

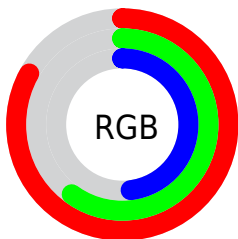
Format	Color
R _{YB}	212, 172, 122
Decimal	13933178
CIE Lab	68.40, 17.71, 25.35
CIE LCh	68, 30.927, 55.059
Yxy	38.5134, 0.4046, 0.3691
Android (android.graphics.Color)	4292123258 (0xFFD49A7A)
YUV	167.6940, -22.5271, 38.8564
Hunter-Lab	62.0592, 12.8265, 20.8820

Details

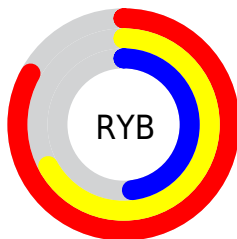
The Yxy color **38.5134, 0.4046, 0.3691** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.5164, 0.2479, 0.2841**, and the grayscale version is **39.0962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.9561, 0.3738, 0.3643**, and **17.1501, 0.4320, 0.3786** is the 20% darker color. If you saturate the color by 10%, you get **33.7913, 0.4352, 0.3778**, and if you desaturate by 10%, it is **43.8667, 0.3775, 0.3595**.

Distribution



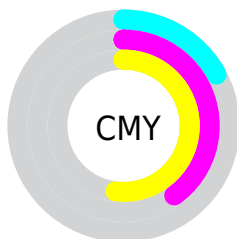
- Red (83%)
- Green (60%)
- Blue (48%)



- Red (83%)
- Yellow (67%)
- Blue (48%)



- Cyan (0%)
- Magenta (27%)
- Yellow (42%)
- Black (17%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.5134, 0.4046, 0.3691 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 38.5134, 0.4046, 0.3691 by changing the saturation by 10% instead.


 38.5134, 0.4046,
0.3691


 38.5134, 0.4046,
0.3691


339.8172, 0.3570,
0.3502

 26.3814, 0.4168,
0.3732


 72.8944, 0.3870,
0.3626

 17.1092, 0.4327,
0.3781


 95.9121, 0.3805,
0.3601

 10.3124, 0.4539,
0.3838


 123.3272, 0.3750,
0.3579

 5.6066, 0.4832,
0.3898

155.5241, 0.3703,
0.3559

 2.6074, 0.5325,
0.3993

192.8872, 0.3663,
0.3542

 0.9304, 0.6026,
0.3974

235.8008, 0.3628,

 0.0000, 1.0000,

0.3528

0.0000

284.6493, 0.3597,
0.3514

0.0000, 0.0000,
0.0000

38.5134, 0.4046,
0.3691

38.5134, 0.4046,
0.3691

33.7913, 0.4352,
0.3778

43.8667, 0.3775,
0.3595

29.6702, 0.4684,
0.3847

49.8687, 0.3539,
0.3497

26.1254, 0.5029,
0.3884


56.5433, 0.3337,
0.3402

23.1281, 0.5362,
0.3877


63.9111, 0.3165,
0.3311

20.6464, 0.5651,
0.3819

71.9921, 0.3019,
0.3227

 19.0881, 0.5834,
0.3750

 80.8054, 0.2895,
0.3150

 89.3390, 0.2869,
0.3234

 92.7363, 0.2872,
0.3289

Harmonies

Analogous

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



38.5134, 0.3948, 0.3325



38.5134, 0.4046, 0.3691



38.5134, 0.3879, 0.3992

Triad

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



38.5134, 0.4046, 0.3691



38.5134, 0.2642, 0.3625



38.5134, 0.2708, 0.2562

Complementary

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



38.5134, 0.4046, 0.3691



41.5164, 0.2479, 0.2841

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.



38.5134, 0.2404, 0.2586



38.5134, 0.4046, 0.3691



38.5134, 0.2367, 0.3167

Square

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



38.5134, 0.4046, 0.3691



38.5134, 0.3058, 0.3995



38.5134, 0.2285, 0.2792



38.5134, 0.3144, 0.2703

Rectangle

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



38.5134, 0.4046, 0.3691



38.5134, 0.3650, 0.4106



38.5134, 0.2285, 0.2792



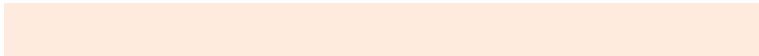
38.5134, 0.2588, 0.2550

Sweetspot

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



38.5153, 0.4046, 0.3691



85.1703, 0.3350, 0.3408



31.2249, 0.3508, 0.2584



17.7300, 0.3393, 0.3429



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.



38.5153, 0.4046, 0.3691



51.9514, 0.4322, 0.3771



56.0146, 0.3817, 0.4195



13.1367, 0.3282, 0.3374



11.9569, 0.5808, 0.3770



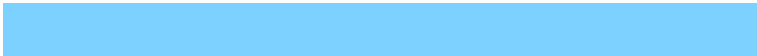
0.8750, 0.5476, 0.4034

Inverse Universe

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



41.5164, 0.2479, 0.2841



57.0409, 0.2352, 0.2725



26.3512, 0.2370, 0.2181



13.3297, 0.2982, 0.3205



14.0980, 0.1914, 0.2088



1.0039, 0.1978, 0.2320

Previews

White Background



This preview shows how the Yxy color 38.5134, 0.4046, 0.3691 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 38.5134, 0.4046, 0.3691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

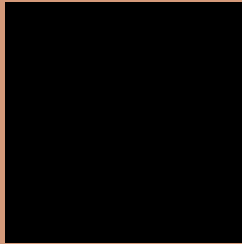
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5134, 0.4046, 0.3691

Background



This preview shows how black text looks on a background with the Yxy color 38.5134, 0.4046, 0.3691.



This preview shows how white text looks on a background with the Yxy color 38.5134, 0.4046, 0.3691.

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

38.5134, 0.4046, 0.3691

Protanopia

38.7797, 0.3592, 0.3837

Deuteranopia

38.5279, 0.3881, 0.3804



Tritanopia

38.6319, 0.3711, 0.3157

Trichromacy



Original Color

38.5134, 0.4046, 0.3691

Protanomaly

38.4234, 0.3752, 0.3777

Deuteranomaly

38.5307, 0.3942, 0.3769

Tritanomaly

38.6556, 0.3842, 0.3354

Monochromacy



Original Color

38.5134, 0.4046, 0.3691

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.6191, 0.3440, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5134, 0.4046, 0.3691 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, 154, 122)` looks like.

```
.text, #text, p{  
    color:rgb(212, 154, 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, 154, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 154, 122) }
```

Border

The CSS property to change the border of an element to Yxy 38.5134, 0.4046, 0.3691 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, 154, 122) }
```

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

```
.border{ border-color:rgb(212, 154, 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, 154, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 154, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 154, 122);  
box-shadow:4px 4px 4px 4px rgb(212, 154,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5134, 0.4046, 0.3691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 154, 122) }
```

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

```
.background{ background-color: rgb(212,  
154, 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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