

Converting Colors

$Yxy(38.6660, 0.3954, 0.3643)$

Have a look what the booklet for
Yxy(38.6660, 0.3954, 0.3643)
contains.

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Color

Yxy(38.5565, 0.3949, 0.3633)

Conversions

Conversions Part 1

Format	Color
Hex	D19B80
RGB	209, 155, 128
RGB Percent	82%, 61%, 50%
CMY	0.1804, 0.3921, 0.4980
CMYK	0.00, 0.26, 0.39, 0.18
HSL	20°, 47%, 66%
HSV	20°, 39%, 82%
XYZ	41.9102, 38.5565, 25.6619
YIQ	168.0680, 40.8510, 3.0510

Conversions

Conversions Part 2

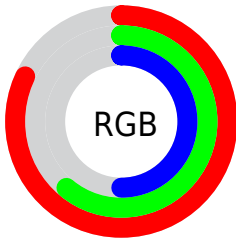
Format	Color
RYB	209, 169, 128
Decimal	13736832
CIELab	68.43, 16.65, 22.03
CIELCh	68, 27.611, 52.917
Yxy	38.5565, 0.3949, 0.3633
Android (android.graphics.Color)	4291926912 (0xFFD19B80)
YUV	168.0680, -19.7535, 35.8974
Hunter-Lab	62.0939, 11.8140, 18.9626

Details

The Yxy color **38.5565, 0.3949, 0.3633** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.6479, 0.2537, 0.2914**, and the grayscale version is **39.2781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6894, 0.3689, 0.3591**, and **17.2374, 0.4199, 0.3712** is the 20% darker color. If you saturate the color by 10%, you get **33.6901, 0.4248, 0.3719**, and if you desaturate by 10%, it is **44.0750, 0.3687, 0.3542**.

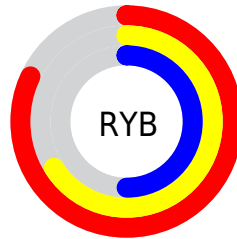
Distribution



Red (82%)

Green (61%)

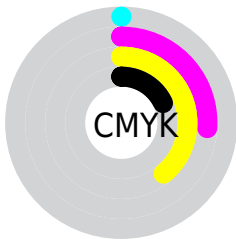
Blue (50%)



Red (82%)

Yellow (66%)

Blue (50%)

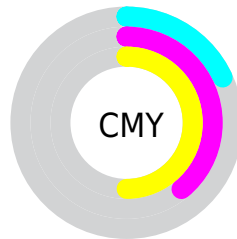


Cyan (0%)

Magenta (26%)

Yellow (39%)

Black (18%)



Cyan (18%)


Magenta (39%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.5565, 0.3949, 0.3633 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 38.5565, 0.3949, 0.3633 by changing the saturation by 10% instead.


 38.5565, 0.3949,
0.3633


 38.5565, 0.3949,
0.3633


340.0012, 0.3522,
0.3470


 26.4149, 0.4059,
0.3670


 72.9603, 0.3791,
0.3577

 17.1343, 0.4203,
0.3713


 95.9913, 0.3732,
0.3554

 10.3303, 0.4397,
0.3766


 123.4209, 0.3683,
0.3535

 5.6185, 0.4669,
0.3825

155.6334, 0.3641,
0.3519

 2.6145, 0.5091,
0.3894

193.0133, 0.3605,
0.3504

 0.9340, 0.5962,
0.4038

235.9450, 0.3574,

 0.0000, 1.0000,

0.3492

0.0000

284.8128, 0.3547,
0.3480

0.0000, 0.0000,
0.0000

38.5565, 0.3949,
0.3633

38.5565, 0.3949,
0.3633

33.6901, 0.4248,
0.3719

44.0750, 0.3687,
0.3542

29.4452, 0.4581,
0.3790

50.2637, 0.3462,
0.3450

25.7967, 0.4934,
0.3835


57.1470, 0.3271,
0.3362


22.7155, 0.5284,
0.3842


64.7459, 0.3108,
0.3280

20.1694, 0.5602,
0.3801

73.0811, 0.2971,
0.3204

 18.1188, 0.5861,
0.3715

 82.1719, 0.2854,
0.3134

 17.8918, 0.5892,
0.3704

 90.7303, 0.2853,
0.3264

 92.2933, 0.2855,
0.3289

Harmonies

Analogous

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



38.5565, 0.3843, 0.3301



38.5565, 0.3949, 0.3633



38.5565, 0.3818, 0.3906

Triad

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



38.5565, 0.3949, 0.3633



38.5565, 0.2717, 0.3616



38.5565, 0.2728, 0.2630

Complementary

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



38.5565, 0.3949, 0.3633



42.6479, 0.2537, 0.2914

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.



38.5565, 0.2464, 0.2666



38.5565, 0.3949, 0.3633



38.5565, 0.2457, 0.3212

Square

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



38.5565, 0.3949, 0.3633



38.5565, 0.3097, 0.3930



38.5565, 0.2368, 0.2867



38.5565, 0.3114, 0.2747

Rectangle

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



38.5565, 0.3949, 0.3633



38.5565, 0.3622, 0.4012



38.5565, 0.2368, 0.2867



38.5565, 0.2623, 0.2624

Sweetspot

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



38.5583, 0.3949, 0.3633



85.8517, 0.3332, 0.3392



32.3742, 0.3449, 0.2630



18.0675, 0.3357, 0.3403



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.



38.5583, 0.3949, 0.3633



54.4523, 0.4179, 0.3701



54.3632, 0.3760, 0.4104



12.4429, 0.3282, 0.3368



11.1961, 0.5866, 0.3725



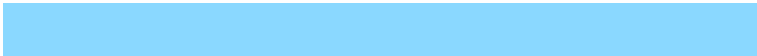
0.7708, 0.5506, 0.4010

Inverse Universe

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



42.6479, 0.2537, 0.2914



61.6573, 0.2427, 0.2823



28.3954, 0.2448, 0.2316



12.7154, 0.2983, 0.3211



14.4703, 0.1936, 0.2170



0.9517, 0.2000, 0.2399

Previews

White Background



This preview shows how the Yxy color 38.5565, 0.3949, 0.3633 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 38.5565, 0.3949, 0.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

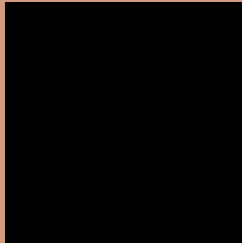
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5565, 0.3949, 0.3633

Background



This preview shows how black text looks on a background with the Yxy color 38.5565, 0.3949, 0.3633.



This preview shows how white text looks on a background with the Yxy color 38.5565, 0.3949, 0.3633.

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

38.5565, 0.3949, 0.3633

Protanopia

38.7959, 0.3536, 0.3768

Deuteranopia

38.5442, 0.3813, 0.3727



Tritanopia

38.4184, 0.3647, 0.3143

Trichromacy



Original Color

38.5565, 0.3949, 0.3633

Protanomaly

38.6519, 0.3680, 0.3725

Deuteranomaly

38.4035, 0.3863, 0.3695

Tritanomaly

38.5074, 0.3755, 0.3317

Monochromacy



Original Color

38.5565, 0.3949, 0.3633

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.5616, 0.3411, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5565, 0.3949, 0.3633 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, 155, 128)` looks like.

```
.text, #text, p{  
    color:rgb(209, 155, 128)  
}
```

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, 155, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 155, 128) }
```

Border

The CSS property to change the border of an element to Yxy 38.5565, 0.3949, 0.3633 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, 155, 128) }
```

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

```
.border{ border-color:rgb(209, 155, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 155, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 155, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 155, 128);  
box-shadow:4px 4px 4px 4px rgb(209, 155,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5565, 0.3949, 0.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 155, 128) }
```

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

```
.background{ background-color: rgb(209,  
155, 128) }
```

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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