

Converting Colors

$Yxy(38.1175, 0.3975, 0.3667)$

Have a look what the booklet for
Yxy(38.1175, 0.3975, 0.3667)
contains.

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Color

Yxy(38.0018, 0.3975, 0.3660)

Conversions

Conversions Part 1

Format	Color
Hex	D09A7D
RGB	208, 154, 125
RGB Percent	82%, 60%, 49%
CMY	0.1842, 0.3961, 0.5099
CMYK	0.00, 0.26, 0.40, 0.18
HSL	21°, 47%, 65%
HSV	21°, 40%, 82%
XYZ	41.2724, 38.0018, 24.5558
YIQ	166.8400, 41.4930, 2.4290

Conversions

Conversions Part 2

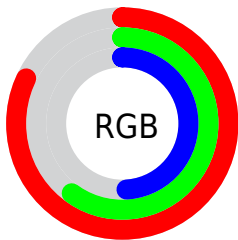
Format	Color
R_{YB}	208, 170, 125
Decimal	13671037
CIE _{Lab}	68.02, 16.46, 23.13
CIE _{LCh}	68, 28.388, 54.555
Yxy	38.0018, 0.3975, 0.3660
Android (android.graphics.Color)	4291861117 (0xFFD09A7D)
YUV	166.8400, -20.6271, 36.0973
Hunter-Lab	61.6456, 11.6280, 19.5344

Details

The Yxy color **38.0018, 0.3975, 0.3660** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.1545, 0.2517, 0.2881**, and the grayscale version is **38.6496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0753, 0.3715, 0.3612**, and **16.8977, 0.4236, 0.3747** is the 20% darker color. If you saturate the color by 10%, you get **33.3084, 0.4274, 0.3749**, and if you desaturate by 10%, it is **43.3138, 0.3712, 0.3565**.

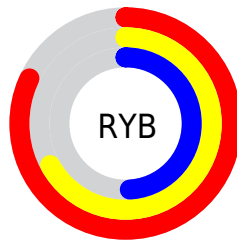
Distribution



Red (82%)

Green (60%)

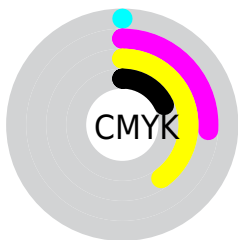
Blue (49%)



Red (82%)

Yellow (67%)

Blue (49%)

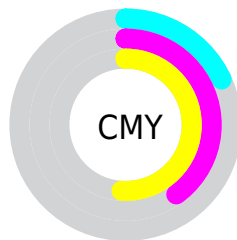


Cyan (0%)

Magenta (26%)

Yellow (40%)

Black (18%)



Cyan (18%)

Magenta (40%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0018, 0.3975, 0.3660 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 38.0018, 0.3975, 0.3660 by changing the saturation by 10% instead.


 38.0018, 0.3975,
0.3660


 38.0018, 0.3975,
0.3660

337.6277, 0.3534,
0.3484

 25.9841, 0.4089,
0.3700


 72.1109, 0.3811,
0.3599

 16.8117, 0.4238,
0.3747


 94.9711, 0.3751,
0.3575

 10.1004, 0.4437,
0.3804


 122.2142, 0.3700,
0.3554

 5.4655, 0.4718,
0.3867

154.2246, 0.3657,
0.3537

 2.5229, 0.5173,
0.3956

191.3868, 0.3620,
0.3521

 0.8881, 0.5967,
0.4033

234.0851, 0.3588,

 0.0000, 1.0000,

0.3507

0.0000

282.7039, 0.3559,
0.3495

0.0000, 0.0000,
0.0000

38.0018, 0.3975,
0.3660

38.0018, 0.3975,
0.3660

33.3084, 0.4274,
0.3749

43.3138, 0.3712,
0.3565

29.2045, 0.4603,
0.3821

49.2612, 0.3485,
0.3469

25.6666, 0.4949,
0.3866


55.8669, 0.3291,
0.3376

22.6671, 0.5290,
0.3871


63.1510, 0.3126,
0.3289


20.1758, 0.5596,
0.3826

71.1326, 0.2986,
0.3209

 18.1521, 0.5847,
0.3739

 79.8302, 0.2867,
0.3135

 18.1370, 0.5849,
0.3738

 88.2157, 0.2846,
0.3224

 92.1524, 0.2849,
0.3289

Harmonies

Analogous

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



38.0018, 0.3879, 0.3320



38.0018, 0.3975, 0.3660



38.0018, 0.3827, 0.3938

Triad

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



38.0018, 0.3975, 0.3660



38.0018, 0.2685, 0.3605



38.0018, 0.2734, 0.2613

Complementary

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



38.0018, 0.3975, 0.3660



41.1545, 0.2517, 0.2881

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.



38.0018, 0.2454, 0.2640



38.0018, 0.3975, 0.3660



38.0018, 0.2426, 0.3186

Square

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



38.0018, 0.3975, 0.3660



38.0018, 0.3072, 0.3940



38.0018, 0.2345, 0.2837



38.0018, 0.3137, 0.2741

Rectangle

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



38.0018, 0.3975, 0.3660



38.0018, 0.3618, 0.4041



38.0018, 0.2345, 0.2837



38.0018, 0.2624, 0.2603

Sweetspot

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



38.0036, 0.3975, 0.3660



86.1335, 0.3331, 0.3396



31.3846, 0.3462, 0.2610



18.1336, 0.3356, 0.3409



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.



38.0036, 0.3975, 0.3660



53.7474, 0.4231, 0.3737



53.5557, 0.3780, 0.4127



12.4743, 0.3282, 0.3372



11.4664, 0.5823, 0.3758



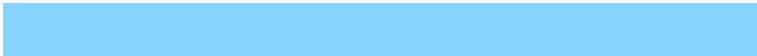
0.7884, 0.5468, 0.4040

Inverse Universe

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



41.1545, 0.2517, 0.2881



59.3750, 0.2395, 0.2775



27.3275, 0.2425, 0.2281



12.6827, 0.2983, 0.3207



13.8801, 0.1920, 0.2113



0.9218, 0.1987, 0.2354

Previews

White Background



This preview shows how the Yxy color 38.0018, 0.3975, 0.3660 looks on a white background.

Color Contrast Check

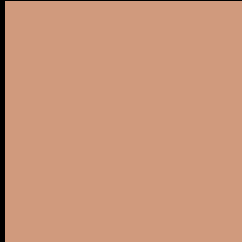
Large Text (above 18pt) WCAG AA × Fail

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 38.0018, 0.3975, 0.3660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

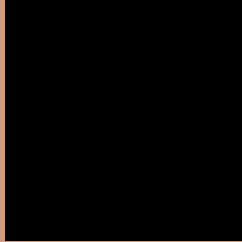
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0018, 0.3975, 0.3660

Background



This preview shows how black text looks on a background with the Yxy color 38.0018, 0.3975, 0.3660.



This preview shows how white text looks on a background with the Yxy color 38.0018, 0.3975, 0.3660.

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

38.0018, 0.3975, 0.3660

Protanopia

38.2313, 0.3557, 0.3799

Deuteranopia

37.9873, 0.3836, 0.3756



Tritanopia

37.8818, 0.3660, 0.3154

Trichromacy



Original Color

38.0018, 0.3975, 0.3660

Protanomaly

38.0905, 0.3702, 0.3755

Deuteranomaly

37.8485, 0.3887, 0.3723

Tritanomaly

37.9414, 0.3780, 0.3342

Monochromacy



Original Color

38.0018, 0.3975, 0.3660

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.0527, 0.3413, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0018, 0.3975, 0.3660 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(208, 154, 125)` looks like.

```
.text, #text, p{  
    color:rgb(208, 154, 125)  
}
```

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(208, 154, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 154, 125) }
```

Border

The CSS property to change the border of an element to Yxy 38.0018, 0.3975, 0.3660 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(208, 154, 125) }
```

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

```
.border{ border-color:rgb(208, 154, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 154, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 154, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 154, 125);  
box-shadow:4px 4px 4px 4px rgb(208, 154,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0018, 0.3975, 0.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 154, 125) }
```

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

```
.background{ background-color: rgb(208,  
154, 125) }
```

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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