

Converting Colors

$Yxy(40.0862, 0.3768, 0.3666)$

Have a look what the booklet for
Yxy(40.0862, 0.3768, 0.3666)
contains.

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Color

Yxy(40.1950, 0.3762, 0.3669)

Conversions

Conversions Part 1

Format	Color
Hex	C8A386
RGB	200, 163, 134
RGB Percent	78%, 64%, 53%
CMY	0.2158, 0.3607, 0.4745
CMYK	0.00, 0.18, 0.33, 0.22
HSL	26°, 37%, 65%
HSV	26°, 33%, 78%
XYZ	41.2138, 40.1950, 28.1442
YIQ	170.7570, 31.3610, -1.1750

Conversions

Conversions Part 2

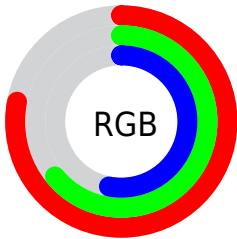
Format	Color
R _Y B	200, 186, 134
Decimal	13149062
CIE Lab	69.61, 9.45, 20.20
CIE LCh	70, 22.299, 64.937
Yxy	40.1950, 0.3762, 0.3669
Android (android.graphics.Color)	4291339142 (0xFFC8A386)
YUV	170.7570, -18.1212, 25.6461
Hunter-Lab	63.3995, 5.0875, 18.0598

Details

The Yxy color **40.1950, 0.3762, 0.3669** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.3495, 0.2610, 0.2876**, and the grayscale version is **40.6773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9907, 0.3623, 0.3609**, and **18.0287, 0.3962, 0.3767** is the 20% darker color. If you saturate the color by 10%, you get **35.8863, 0.4014, 0.3786**, and if you desaturate by 10%, it is **44.9654, 0.3538, 0.3550**.

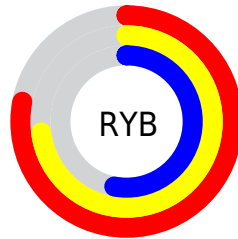
Distribution



Red (78%)

Green (64%)

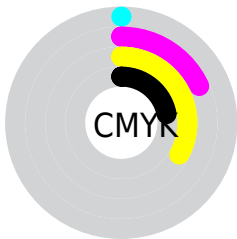
Blue (53%)



Red (78%)

Yellow (73%)

Blue (53%)

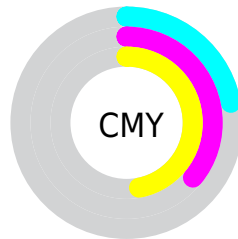


Cyan (0%)

Magenta (18%)

Yellow (33%)

Black (22%)



Cyan (22%)


Magenta (36%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1950, 0.3762, 0.3669 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 40.1950, 0.3762, 0.3669 by changing the saturation by 10% instead.


 40.1950, 0.3762,
0.3669


 40.1950, 0.3762,
0.3669


346.9448, 0.3435,
0.3482


 27.6906, 0.3846,
0.3714


 75.4604, 0.3641,
0.3602

 18.0926, 0.3955,
0.3770


 98.9901, 0.3597,
0.3577

 11.0165, 0.4101,
0.3842


 126.9638, 0.3559,
0.3555

 6.0779, 0.4306,
0.3935

159.7658, 0.3527,
0.3537

 2.8925, 0.4611,
0.4055

197.7805, 0.3499,
0.3520

 1.0759, 0.5487,
0.4513

241.3923, 0.3475,

 0.0000, 1.0000,

0.3506

0.0000

290.9856, 0.3454,
0.3494

0.0000, 0.0000,
0.0000

40.1950, 0.3762,
0.3669

40.1950, 0.3762,
0.3669

35.8863, 0.4014,
0.3786

44.9654, 0.3538,
0.3550

32.0187, 0.4293,
0.3894

50.2061, 0.3343,
0.3433

28.5779, 0.4590,
0.3981

55.9327, 0.3173,
0.3322


25.5468, 0.4893,
0.4035


62.1579, 0.3027,
0.3218

22.9065, 0.5182,
0.4043


68.8944, 0.2900,
0.3122

 20.6360, 0.5436,
0.3998

 76.1541, 0.2791,
0.3034

 19.2444, 0.5592,
0.3942

 82.6644, 0.2795,
0.3145

 89.5182, 0.2803,
0.3264

 91.0149, 0.2805,
0.3289

Harmonies

Analogous

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



40.1950, 0.3752, 0.3414



40.1950, 0.3762, 0.3669



40.1950, 0.3595, 0.3841

Triad

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



40.1950, 0.3762, 0.3669



40.1950, 0.2701, 0.3424



40.1950, 0.2925, 0.2779

Complementary

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



40.1950, 0.3762, 0.3669



38.3495, 0.2610, 0.2876

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.



40.1950, 0.2664, 0.2760



40.1950, 0.3762, 0.3669



40.1950, 0.2540, 0.3113

Square

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



40.1950, 0.3762, 0.3669



40.1950, 0.2978, 0.3710



40.1950, 0.2527, 0.2874



40.1950, 0.3255, 0.2918

Rectangle

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



40.1950, 0.3762, 0.3669



40.1950, 0.3410, 0.3877



40.1950, 0.2527, 0.2874



40.1950, 0.2827, 0.2758

Sweetspot

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



40.1969, 0.3762, 0.3669



89.6866, 0.3292, 0.3401



32.2833, 0.3458, 0.2810



18.9015, 0.3317, 0.3417



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.



40.1969, 0.3762, 0.3669



63.8824, 0.3951, 0.3759



53.2829, 0.3635, 0.4056



11.3917, 0.3279, 0.3392



12.4127, 0.5568, 0.3961



0.7314, 0.5211, 0.4244

Inverse Universe

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



38.3495, 0.2610, 0.2876



60.1565, 0.2492, 0.2762



27.5323, 0.2550, 0.2387



11.2566, 0.2983, 0.3186



10.2074, 0.1833, 0.1798



0.6259, 0.1928, 0.2139

Previews

White Background



This preview shows how the Yxy color 40.1950, 0.3762, 0.3669 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 40.1950, 0.3762, 0.3669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

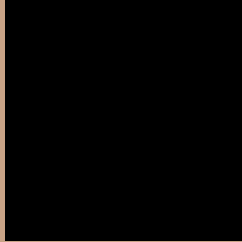
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1950, 0.3762, 0.3669

Background



This preview shows how black text looks on a background with the Yxy color 40.1950, 0.3762, 0.3669.



This preview shows how white text looks on a background with the Yxy color 40.1950, 0.3762, 0.3669.

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

40.1950, 0.3762, 0.3669

Protanopia

40.3794, 0.3520, 0.3746

Deuteranopia

40.0577, 0.3752, 0.3670



Tritanopia

40.1934, 0.3467, 0.3139

Trichromacy



Original Color

40.1950, 0.3762, 0.3669

Protanomaly

40.1064, 0.3608, 0.3711

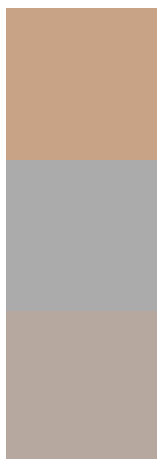
Deuteranomaly

40.0577, 0.3752, 0.3670

Tritanomaly

40.2724, 0.3579, 0.3330

Monochromacy



Original Color

40.1950, 0.3762, 0.3669

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.4190, 0.3346, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1950, 0.3762, 0.3669 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(200, 163, 134)` looks like.

```
.text, #text, p{  
    color:rgb(200, 163, 134)  
}
```

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(200, 163, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 163, 134) }
```

Border

The CSS property to change the border of an element to Yxy 40.1950, 0.3762, 0.3669 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(200, 163, 134) }
```

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

```
.border{ border-color:rgb(200, 163, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 163, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 163, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 163, 134);  
box-shadow:4px 4px 4px 4px rgb(200, 163,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1950, 0.3762, 0.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 163, 134) }
```

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

```
.background{ background-color: rgb(200,  
163, 134) }
```

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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