

Converting Colors

$Yxy(38.3532, 0.3666, 0.3614)$

Have a look what the booklet for
Yxy(38.3532, 0.3666, 0.3614)
contains.

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Color

Yxy(38.5023, 0.3660, 0.3614)

Conversions

Conversions Part 1

Format	Color
Hex	C0A189
RGB	192, 161, 137
RGB Percent	75%, 63%, 54%
CMY	0.2472, 0.3686, 0.4628
CMYK	0.00, 0.16, 0.29, 0.25
HSL	26°, 30%, 65%
HSV	26°, 29%, 75%
XYZ	38.9924, 38.5023, 29.0419
YIQ	167.5330, 26.1800, -0.8920

Conversions

Conversions Part 2

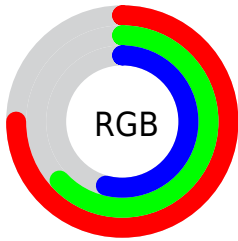
Format	Color
R _Y B	192, 180, 137
Decimal	12624265
CIE Lab	68.39, 7.77, 16.76
CIE LCh	68, 18.473, 65.110
Yxy	38.5023, 0.3660, 0.3614
Android (android.graphics.Color)	4290814345 (0xFFC0A189)
YUV	167.5330, -15.0528, 21.4576
Hunter-Lab	62.0502, 3.5815, 15.6852

Details

The Yxy color **38.5023, 0.3660, 0.3614** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.1092, 0.2681, 0.2941**, and the grayscale version is **38.9821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9692, 0.3560, 0.3562**, and **17.0287, 0.3835, 0.3696** is the 20% darker color. If you saturate the color by 10%, you get **34.3847, 0.3900, 0.3732**, and if you desaturate by 10%, it is **43.0481, 0.3449, 0.3496**.

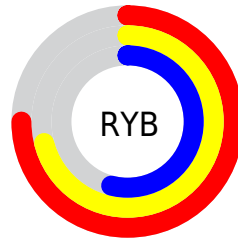
Distribution



Red (75%)

Green (63%)

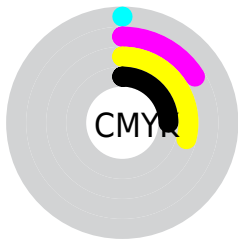
Blue (54%)



Red (75%)

Yellow (71%)

Blue (54%)

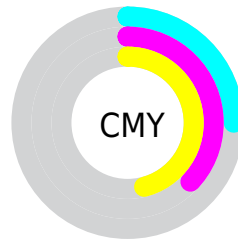


Cyan (0%)

Magenta (16%)

Yellow (29%)

Black (25%)



Cyan (25%)


Magenta (37%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.5023, 0.3660, 0.3614 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 38.5023, 0.3660, 0.3614 by changing the saturation by 10% instead.


 38.5023, 0.3660,
0.3614


 38.5023, 0.3660,
0.3614


339.7698, 0.3384,
0.3452


 26.3728, 0.3732,
0.3654


 72.8774, 0.3557,
0.3555

 17.1027, 0.3826,
0.3705


 95.8917, 0.3520,
0.3533

 10.3078, 0.3953,
0.3772


 123.3031, 0.3488,
0.3514

 5.6035, 0.4136,
0.3861

155.4960, 0.3461,
0.3498

 2.6055, 0.4414,
0.3984

192.8547, 0.3437,
0.3484

 0.9294, 0.5407,
0.4593

235.7636, 0.3417,

 0.0000, 1.0000,

0.3472

0.0000

284.6072, 0.3399,
0.3461

0.0000, 0.0000,
0.0000

38.5023, 0.3660,
0.3614

38.5023, 0.3660,
0.3614

34.3847, 0.3900,
0.3732

43.0481, 0.3449,
0.3496

30.6766, 0.4167,
0.3844

48.0294, 0.3266,
0.3383

27.3655, 0.4457,
0.3941

53.4604, 0.3107,
0.3276

24.4362, 0.4760,
0.4010

59.3525, 0.2970,
0.3176

21.8721, 0.5059,
0.4040

65.7169, 0.2852,
0.3085

■ 19.6551, 0.5332,
0.4020

■ 72.5645, 0.2750,
0.3001

■ 17.7610, 0.5564,
0.3950

■ 78.8055, 0.2745,
0.3092

■ 17.5244, 0.5595,
0.3939

■ 85.2433, 0.2755,
0.3209

■ 89.9425, 0.2762,
0.3289

Harmonies

Analogous

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



38.5023, 0.3651, 0.3400



38.5023, 0.3660, 0.3614



38.5023, 0.3520, 0.3755

Triad

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



38.5023, 0.3660, 0.3614



38.5023, 0.2767, 0.3402



38.5023, 0.2960, 0.2857

Complementary

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



38.5023, 0.3660, 0.3614



37.1092, 0.2681, 0.2941

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.



38.5023, 0.2737, 0.2841



38.5023, 0.3660, 0.3614



38.5023, 0.2630, 0.3143

Square

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



38.5023, 0.3660, 0.3614



38.5023, 0.3002, 0.3638



38.5023, 0.2619, 0.2940



38.5023, 0.3237, 0.2975

Rectangle

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



38.5023, 0.3660, 0.3614



38.5023, 0.3366, 0.3781



38.5023, 0.2619, 0.2940



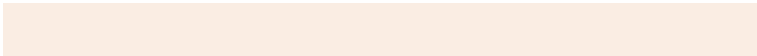
38.5023, 0.2877, 0.2839

Sweetspot

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



38.5041, 0.3660, 0.3614



86.5794, 0.3274, 0.3388



31.9256, 0.3402, 0.2877



18.2803, 0.3300, 0.3405



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.5041, 0.3660, 0.3614



65.2885, 0.3798, 0.3684



49.1052, 0.3566, 0.3953



10.7858, 0.3278, 0.3391



11.9454, 0.5574, 0.3956



0.6531, 0.5191, 0.4261

Inverse Universe

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



37.1092, 0.2681, 0.2941



62.3635, 0.2588, 0.2857



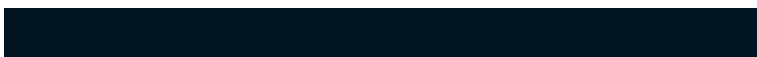
28.0727, 0.2637, 0.2527



10.6678, 0.2984, 0.3187



9.9503, 0.1836, 0.1809



0.5651, 0.1937, 0.2172

Previews

White Background



This preview shows how the Yxy color 38.5023, 0.3660, 0.3614 looks on a white background.

Color Contrast Check

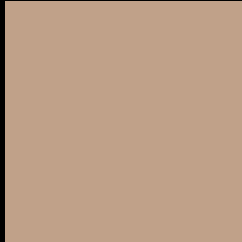
Large Text (above 18pt) WCAG AA × Fail

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 38.5023, 0.3660, 0.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

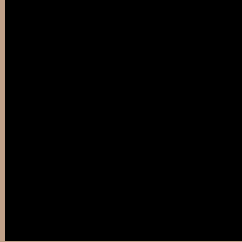
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5023, 0.3660, 0.3614

Background



This preview shows how black text looks on a background with the Yxy color 38.5023, 0.3660, 0.3614.



This preview shows how white text looks on a background with the Yxy color 38.5023, 0.3660, 0.3614.

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

38.5023, 0.3660, 0.3614

Protanopia

38.7610, 0.3453, 0.3671

Deuteranopia

38.2852, 0.3674, 0.3600



Tritanopia

38.7143, 0.3400, 0.3135

Trichromacy



Original Color

38.5023, 0.3660, 0.3614

Protanomaly

38.7194, 0.3527, 0.3651

Deuteranomaly

38.2852, 0.3674, 0.3600

Tritanomaly

38.4901, 0.3504, 0.3304

Monochromacy



Original Color

38.5023, 0.3660, 0.3614

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.6917, 0.3312, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5023, 0.3660, 0.3614 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(192, 161, 137)` looks like.

```
.text, #text, p{  
    color:rgb(192, 161, 137)  
}
```

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(192, 161, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 161, 137) }
```

Border

The CSS property to change the border of an element to Yxy 38.5023, 0.3660, 0.3614 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(192, 161, 137) }
```

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

```
.border{ border-color:rgb(192, 161, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 161, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 161, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 161, 137);  
box-shadow:4px 4px 4px 4px rgb(192, 161,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5023, 0.3660, 0.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 161, 137) }
```

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

```
.background{ background-color: rgb(192,  
161, 137) }
```

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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