

Converting Colors

$Yxy(37.5399, 0.3682, 0.3598)$

Have a look what the booklet for
Yxy(37.5399, 0.3682, 0.3598)
contains.

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Color

Yxy(37.4378, 0.3681, 0.3588)

Conversions

Conversions Part 1

Format	Color
Hex	C09E88
RGB	192, 158, 136
RGB Percent	75%, 62%, 53%
CMY	0.2471, 0.3804, 0.4666
CMYK	0.00, 0.18, 0.29, 0.25
HSL	24°, 31%, 64%
HSV	24°, 29%, 75%
XYZ	38.4082, 37.4378, 28.4957
YIQ	165.6580, 27.3260, 0.3660

Conversions

Conversions Part 2

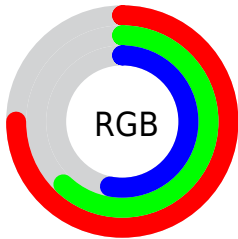
Format	Color
RYB	192, 172, 136
Decimal	12623496
CIELab	67.60, 9.29, 16.22
CIELCh	68, 18.690, 60.182
Yxy	37.4378, 0.3681, 0.3588
Android (android.graphics.Color)	4290813576 (0xFFC09E88)
YUV	165.6580, -14.6214, 23.1019
Hunter-Lab	61.1864, 4.9724, 15.2180

Details

The Yxy color **37.4378, 0.3681, 0.3588** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.7868, 0.2676, 0.2971**, and the grayscale version is **38.0224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4024, 0.3574, 0.3542**, and **16.5905, 0.3862, 0.3679** is the 20% darker color. If you saturate the color by 10%, you get **33.1520, 0.3931, 0.3695**, and if you desaturate by 10%, it is **42.2019, 0.3463, 0.3482**.

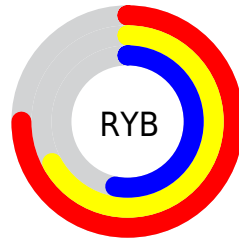
Distribution



Red (75%)

Green (62%)

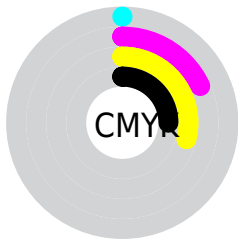
Blue (53%)



Red (75%)

Yellow (67%)

Blue (53%)

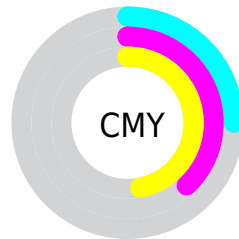


Cyan (0%)

Magenta (18%)

Yellow (29%)

Black (25%)



Cyan (25%)


Magenta (38%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4378, 0.3681, 0.3588 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 37.4378, 0.3681, 0.3588 by changing the saturation by 10% instead.


 37.4378, 0.3681,
0.3588


 37.4378, 0.3681,
0.3588


335.2021, 0.3392,
0.3439

 25.5466, 0.3757,
0.3625


 71.2456, 0.3573,
0.3534

 16.4848, 0.3856,
0.3671


 93.9311, 0.3534,
0.3514

 9.8678, 0.3992,
0.3731


 120.9834, 0.3501,
0.3497

 5.3114, 0.4187,
0.3811

152.7870, 0.3472,
0.3482

 2.4311, 0.4488,
0.3918

189.7263, 0.3448,
0.3469

 0.8418, 0.5529,
0.4471

232.1856, 0.3427,

 0.0000, 0.0000,

0.3458

0.0000

280.5494, 0.3409,
0.3448

■ 37.4378, 0.3681,
0.3588

■ 37.4378, 0.3681,
0.3588

■ 33.1520, 0.3931,
0.3695

■ 42.2019, 0.3463,
0.3482

■ 29.3238, 0.4212,
0.3795

■ 47.4541, 0.3276,
0.3379

■ 25.9382, 0.4520,
0.3880

■ 53.2101, 0.3115,
0.3282

■ 22.9774, 0.4843,
0.3938

■ 59.4836, 0.2977,
0.3192

■ 20.4223, 0.5163,
0.3956

■ 66.2876, 0.2859,
0.3110

■ 18.2515, 0.5455,
0.3925

■ 73.6347, 0.2757,
0.3034

■ 16.4368, 0.5701,
0.3847

■ 80.5047, 0.2748,
0.3123

■ 16.2988, 0.5721,
0.3840

■ 87.5731, 0.2759,
0.3249

■ 89.9458, 0.2762,
0.3289

Harmonies

Analogous

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



37.4378, 0.3646, 0.3363



37.4378, 0.3681, 0.3588



37.4378, 0.3561, 0.3748

Triad

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



37.4378, 0.3681, 0.3588



37.4378, 0.2793, 0.3448



37.4378, 0.2913, 0.2837

Complementary

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



37.4378, 0.3681, 0.3588



37.7868, 0.2676, 0.2971

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.



37.4378, 0.2701, 0.2840



37.4378, 0.3681, 0.3588



37.4378, 0.2634, 0.3180

Square

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



37.4378, 0.3681, 0.3588



37.4378, 0.3044, 0.3677



37.4378, 0.2602, 0.2960



37.4378, 0.3192, 0.2943

Rectangle

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



37.4378, 0.3681, 0.3588



37.4378, 0.3413, 0.3791



37.4378, 0.2602, 0.2960



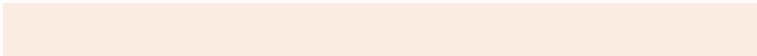
37.4378, 0.2832, 0.2826

Sweetspot

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



37.4395, 0.3681, 0.3588



86.0075, 0.3275, 0.3379



31.7379, 0.3379, 0.2833



18.1395, 0.3301, 0.3393



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.



37.4395, 0.3681, 0.3588



62.7740, 0.3837, 0.3657



47.8752, 0.3584, 0.3933



10.7127, 0.3279, 0.3381



11.1102, 0.5698, 0.3857



0.6143, 0.5287, 0.4184

Inverse Universe

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



37.7868, 0.2676, 0.2971



63.4937, 0.2578, 0.2889



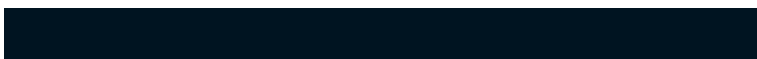
28.5463, 0.2632, 0.2554



10.7425, 0.2984, 0.3197



11.2067, 0.1879, 0.1963



0.6153, 0.1970, 0.2292

Previews

White Background



This preview shows how the Yxy color 37.4378, 0.3681, 0.3588 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 37.4378, 0.3681, 0.3588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

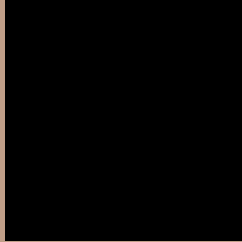
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.4378, 0.3681, 0.3588

Background



This preview shows how black text looks on a background with the Yxy color 37.4378, 0.3681, 0.3588.



This preview shows how white text looks on a background with the Yxy color 37.4378, 0.3681, 0.3588.

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

37.4378, 0.3681, 0.3588

Protanopia

37.4137, 0.3450, 0.3647

Deuteranopia

37.3077, 0.3671, 0.3589



Tritanopia

37.4665, 0.3425, 0.3134

Trichromacy



Original Color

37.4378, 0.3681, 0.3588

Protanomaly

37.4994, 0.3536, 0.3626

Deuteranomaly

37.3077, 0.3671, 0.3589

Tritanomaly

37.2786, 0.3521, 0.3291

Monochromacy



Original Color

37.4378, 0.3681, 0.3588

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.6749, 0.3314, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4378, 0.3681, 0.3588 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, 158, 136)` looks like.

```
.text, #text, p{  
    color:rgb(192, 158, 136)  
}
```

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, 158, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 158, 136) }
```

Border

The CSS property to change the border of an element to Yxy 37.4378, 0.3681, 0.3588 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, 158, 136) }
```

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

```
.border{ border-color:rgb(192, 158, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 158, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 158, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 158, 136);  
box-shadow:4px 4px 4px 4px rgb(192, 158,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4378, 0.3681, 0.3588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 158, 136) }
```

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

```
.background{ background-color: rgb(192,  
158, 136) }
```

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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