

Converting Colors

$Y_{xy}(37.3196, 0.3718, 0.3730)$

Have a look what the booklet for
Yxy(37.3196, 0.3718, 0.3730)
contains.

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Color

Yxy(37.3915, 0.3710, 0.3729)

Conversions

Conversions Part 1

Format	Color
Hex	BCA080
RGB	188, 160, 128
RGB Percent	74%, 63%, 50%
CMY	0.2629, 0.3725, 0.4980
CMYK	0.00, 0.15, 0.32, 0.26
HSL	32°, 31%, 62%
HSV	32°, 32%, 74%
XYZ	37.2010, 37.3915, 25.6797
YIQ	164.7240, 26.9600, -4.0160

Conversions

Conversions Part 2

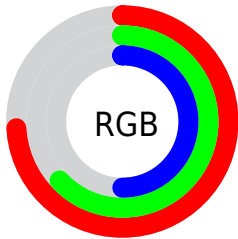
Format	Color
R _Y B	181, 188, 128
Decimal	12361856
CIE Lab	67.57, 5.53, 20.52
CIE LCh	68, 21.249, 74.921
Yxy	37.3915, 0.3710, 0.3729
Android (android.graphics.Color)	4290551936 (0xFFBCA080)
YUV	164.7240, -18.1049, 20.4131
Hunter-Lab	61.1486, 1.5841, 17.9048

Details

The Yxy color **37.3915, 0.3710, 0.3729** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.9828, 0.2619, 0.2805**, and the grayscale version is **37.5661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3496, 0.3597, 0.3651**, and **16.5701, 0.3887, 0.3854** is the 20% darker color. If you saturate the color by 10%, you get **34.0108, 0.3938, 0.3870**, and if you desaturate by 10%, it is **41.0816, 0.3503, 0.3586**.

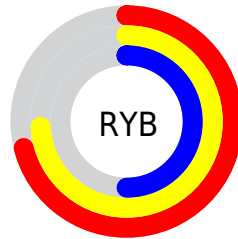
Distribution



Red (74%)

Green (63%)

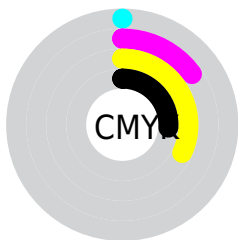
Blue (50%)



Red (71%)

Yellow (74%)

Blue (50%)

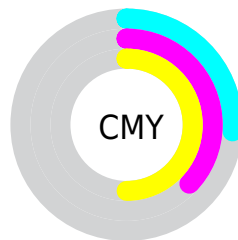


Cyan (0%)

Magenta (15%)

Yellow (32%)

Black (26%)



Cyan (26%)


Magenta (37%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3915, 0.3710, 0.3729 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 37.3915, 0.3710, 0.3729 by changing the saturation by 10% instead.


 37.3915, 0.3710,
0.3729


 37.3915, 0.3710,
0.3729


335.0024, 0.3408,
0.3507

 25.5108, 0.3788,
0.3784

 71.1745, 0.3598,
0.3648

 16.4580, 0.3891,
0.3855


 93.8456, 0.3556,
0.3618

 9.8488, 0.4029,
0.3948


 120.8822, 0.3522,
0.3592

 5.2988, 0.4224,
0.4073

152.6687, 0.3492,
0.3570

 2.4236, 0.4535,
0.4263

189.5896, 0.3466,
0.3551

 0.8380, 0.5273,
0.4727

232.0293, 0.3444,

 0.0000, 0.0000,

0.3534

0.0000

280.3721, 0.3425,
0.3520

■ 37.3915, 0.3710,
0.3729

■ 37.3915, 0.3710,
0.3729

■ 34.0108, 0.3938,
0.3870

■ 41.0816, 0.3503,
0.3586

■ 30.9248, 0.4184,
0.4001

■ 45.0847, 0.3319,
0.3447

■ 28.1251, 0.4441,
0.4112

■ 49.4112, 0.3156,
0.3314

■ 25.6009, 0.4699,
0.4192

■ 54.0691, 0.3013,
0.3190

■ 23.3403, 0.4943,
0.4227

■ 59.0662, 0.2887,
0.3075

■ 21.3296, 0.5157,
0.4211

■ 64.4101, 0.2778,
0.2968

■ 19.8676, 0.5310,
0.4166

■ 69.8090, 0.2706,
0.2918

■ 74.5679, 0.2716,
0.3017

■ 79.5719, 0.2725,
0.3115

Harmonies

Analogous

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



37.3915, 0.3761, 0.3500



37.3915, 0.3710, 0.3729



37.3915, 0.3499, 0.3855

Triad

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



37.3915, 0.3710, 0.3729



37.3915, 0.2644, 0.3317



37.3915, 0.3034, 0.2824

Complementary

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



37.3915, 0.3710, 0.3729



31.9828, 0.2619, 0.2805

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.



37.3915, 0.2748, 0.2764



37.3915, 0.3710, 0.3729



37.3915, 0.2533, 0.3029

Square

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



37.3915, 0.3710, 0.3729



37.3915, 0.2883, 0.3616



37.3915, 0.2570, 0.2832



37.3915, 0.3359, 0.2993

Rectangle

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



37.3915, 0.3710, 0.3729



37.3915, 0.3301, 0.3850



37.3915, 0.2570, 0.2832



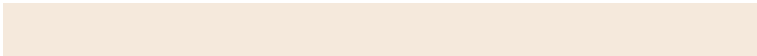
37.3915, 0.2930, 0.2791

Sweetspot

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



37.3932, 0.3710, 0.3729



83.0584, 0.3289, 0.3423



28.5271, 0.3511, 0.2907



17.6313, 0.3313, 0.3443



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



37.3932, 0.3710, 0.3729



63.6117, 0.3861, 0.3824



47.9484, 0.3584, 0.4080



10.3569, 0.3275, 0.3413



13.6814, 0.5292, 0.4180



0.6657, 0.4961, 0.4443

Inverse Universe

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



31.9828, 0.2619, 0.2805



52.3284, 0.2508, 0.2684



23.8152, 0.2584, 0.2367



9.9388, 0.2984, 0.3164



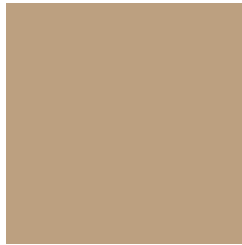
7.3303, 0.1747, 0.1487



0.4181, 0.1874, 0.1945

Previews

White Background



This preview shows how the Yxy color 37.3915, 0.3710, 0.3729 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 37.3915, 0.3710, 0.3729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

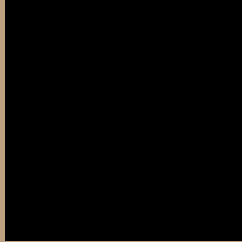
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3915, 0.3710, 0.3729

Background



This preview shows how black text looks on a background with the Yxy color 37.3915, 0.3710, 0.3729.



This preview shows how white text looks on a background with the Yxy color 37.3915, 0.3710, 0.3729.

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

37.3915, 0.3710, 0.3729

Protanopia

37.2766, 0.3543, 0.3776

Deuteranopia

37.3497, 0.3771, 0.3695



Tritanopia

37.4392, 0.3383, 0.3132

Trichromacy



Original Color

37.3915, 0.3710, 0.3729

Protanomaly

37.4827, 0.3607, 0.3768

Deuteranomaly

37.4312, 0.3746, 0.3711

Tritanomaly

37.4902, 0.3506, 0.3345

Monochromacy



Original Color

37.3915, 0.3710, 0.3729

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.3456, 0.3322, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3915, 0.3710, 0.3729 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(188, 160, 128)` looks like.

```
.text, #text, p{  
    color:rgb(188, 160, 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(188, 160, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 160, 128) }
```

Border

The CSS property to change the border of an element to Yxy 37.3915, 0.3710, 0.3729 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(188, 160, 128) }
```

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

```
.border{ border-color:rgb(188, 160, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 160, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 160, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 160, 128);  
box-shadow:4px 4px 4px 4px rgb(188, 160,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3915, 0.3710, 0.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 160, 128) }
```

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

```
.background{ background-color: rgb(188,  
160, 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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