

Converting Colors

$Yxy(37.6666, 0.3752, 0.3803)$

Have a look what the booklet for
Yxy(37.6666, 0.3752, 0.3803)
contains.

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Color

Yxy(37.6363, 0.3745, 0.3796)

Conversions

Conversions Part 1

Format	Color
Hex	BCA17C
RGB	188, 161, 124
RGB Percent	74%, 63%, 49%
CMY	0.2626, 0.3687, 0.5137
CMYK	0.00, 0.14, 0.34, 0.26
HSL	35°, 32%, 61%
HSV	35°, 34%, 74%
XYZ	37.1306, 37.6363, 24.3803
YIQ	164.8550, 27.9690, -5.7830

Conversions

Conversions Part 2

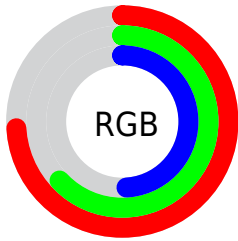
Format	Color
RYB	171, 188, 124
Decimal	12362108
CIELab	67.75, 4.51, 22.95
CIELCh	68, 23.391, 78.876
Yxy	37.6363, 0.3745, 0.3796
Android (android.graphics.Color)	4290552188 (0xFFBCA17C)
YUV	164.8550, -20.1415, 20.2982
Hunter-Lab	61.3484, 0.6759, 19.3816

Details

The Yxy color **37.6363, 0.3745, 0.3796** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.0745, 0.2578, 0.2723**, and the grayscale version is **37.6452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6985, 0.3624, 0.3704**, and **16.7282, 0.3932, 0.3944** is the 20% darker color. If you saturate the color by 10%, you get **34.5174, 0.3968, 0.3946**, and if you desaturate by 10%, it is **41.0259, 0.3540, 0.3643**.

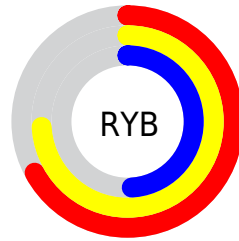
Distribution



Red (74%)

Green (63%)

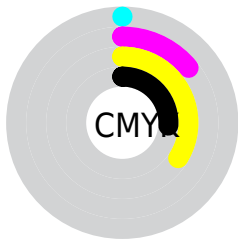
Blue (49%)



Red (67%)

Yellow (74%)

Blue (49%)

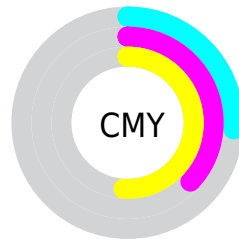


Cyan (0%)

Magenta (14%)

Yellow (34%)

Black (26%)



Cyan (26%)


Magenta (37%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6363, 0.3745, 0.3796 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 37.6363, 0.3745, 0.3796 by changing the saturation by 10% instead.


 37.6363, 0.3745,
0.3796


 37.6363, 0.3745,
0.3796


336.0572, 0.3426,
0.3540


 25.7005, 0.3827,
0.3860


 71.5503, 0.3627,
0.3703

 16.5997, 0.3934,
0.3941


 94.2974, 0.3583,
0.3668

 9.9495, 0.4076,
0.4047


 121.4170, 0.3546,
0.3638

 5.3655, 0.4275,
0.4189

153.2936, 0.3515,
0.3613

 2.4633, 0.4611,
0.4427

190.3115, 0.3488,
0.3591

 0.8582, 0.5197,
0.4803

232.8551, 0.3465,

 0.0000, 0.0000,

0.3572

0.0000

281.3089, 0.3444,
0.3555

■ 37.6363, 0.3745,
0.3796

■ 37.6363, 0.3745,
0.3796

■ 34.5174, 0.3968,
0.3946

■ 41.0259, 0.3540,
0.3643

■ 31.6556, 0.4203,
0.4083

■ 44.6889, 0.3355,
0.3491

■ 29.0435, 0.4445,
0.4198

■ 48.6346, 0.3189,
0.3346

■ 26.6714, 0.4680,
0.4278

■ 52.8701, 0.3042,
0.3210

■ 24.5283, 0.4897,
0.4313

■ 57.4023, 0.2912,
0.3083

■ 22.6017, 0.5083,
0.4295

■ 62.2378, 0.2798,
0.2965

■ 21.5460, 0.5183,
0.4267

■ 67.3413, 0.2701,
0.2864

■ 71.5270, 0.2710,
0.2955

■ 75.9124, 0.2718,
0.3044

Harmonies

Analogous

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



37.6363, 0.3828, 0.3553



37.6363, 0.3745, 0.3796



37.6363, 0.3494, 0.3917

Triad

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



37.6363, 0.3745, 0.3796



37.6363, 0.2573, 0.3273



37.6363, 0.3070, 0.2800

Complementary

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



37.6363, 0.3745, 0.3796



30.0745, 0.2578, 0.2723

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.



37.6363, 0.2747, 0.2716



37.6363, 0.3745, 0.3796



37.6363, 0.2473, 0.2966

Square

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



37.6363, 0.3745, 0.3796



37.6363, 0.2817, 0.3610



37.6363, 0.2535, 0.2770



37.6363, 0.3426, 0.2996

Rectangle

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



37.6363, 0.3745, 0.3796



37.6363, 0.3271, 0.3897



37.6363, 0.2535, 0.2770



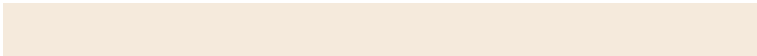
37.6363, 0.2954, 0.2758

Sweetspot

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



37.6380, 0.3745, 0.3796



83.6664, 0.3288, 0.3434



27.3748, 0.3572, 0.2909



17.7789, 0.3312, 0.3455



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.



37.6380, 0.3745, 0.3796



63.8273, 0.3913, 0.3911



47.6035, 0.3594, 0.4138



10.4265, 0.3274, 0.3422



14.8119, 0.5167, 0.4279



0.7071, 0.4875, 0.4511

Inverse Universe

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



30.0745, 0.2578, 0.2723



48.0226, 0.2449, 0.2570



22.6625, 0.2561, 0.2300



9.8702, 0.2984, 0.3154



6.4633, 0.1709, 0.1351



0.3829, 0.1842, 0.1832

Previews

White Background



This preview shows how the Yxy color 37.6363, 0.3745, 0.3796 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 37.6363, 0.3745, 0.3796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

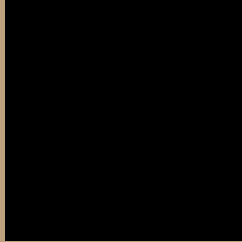
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.6363, 0.3745, 0.3796

Background



This preview shows how black text looks on a background with the Yxy color 37.6363, 0.3745, 0.3796.



This preview shows how white text looks on a background with the Yxy color 37.6363, 0.3745, 0.3796.

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

37.6363, 0.3745, 0.3796

Protanopia

37.7637, 0.3597, 0.3842

Deuteranopia

37.5365, 0.3821, 0.3732



Tritanopia

37.5702, 0.3393, 0.3133

Trichromacy



Original Color

37.6363, 0.3745, 0.3796

Protanomaly

37.8553, 0.3651, 0.3835

Deuteranomaly

37.4834, 0.3785, 0.3750

Tritanomaly

37.4247, 0.3525, 0.3372

Monochromacy



Original Color

37.6363, 0.3745, 0.3796

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.6372, 0.3339, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6363, 0.3745, 0.3796 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, 161, 124)` looks like.

```
.text, #text, p{  
    color:rgb(188, 161, 124)  
}
```

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, 161, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 161, 124) }
```

Border

The CSS property to change the border of an element to Yxy 37.6363, 0.3745, 0.3796 is called "border". The border property can be set on classes, ids or directly on the HTML element.

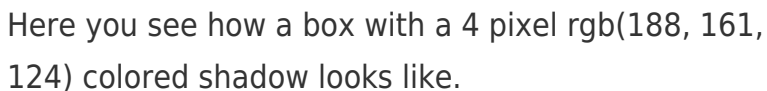
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 161, 124) }
```

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

```
.border{ border-color:rgb(188, 161, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 161, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 161, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 161, 124);  
box-shadow:4px 4px 4px 4px rgb(188, 161,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6363, 0.3745, 0.3796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 161, 124) }
```

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

```
.background{ background-color: rgb(188,  
161, 124) }
```

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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