

Converting Colors

$Yxy(47.2546, 0.3457, 0.3690)$

Have a look what the booklet for
Yxy(47.2546, 0.3457, 0.3690)
contains.

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Color

Yxy(47.3404, 0.3459, 0.3693)

Conversions

Conversions Part 1

Format	Color
Hex	C0B798
RGB	192, 183, 152
RGB Percent	75%, 72%, 60%
CMY	0.2470, 0.2823, 0.4039
CMYK	0.00, 0.05, 0.21, 0.25
HSL	46°, 24%, 67%
HSV	46°, 21%, 75%
XYZ	44.3408, 47.3404, 36.5084
YIQ	182.1570, 15.3150, -7.7330

Conversions

Conversions Part 2

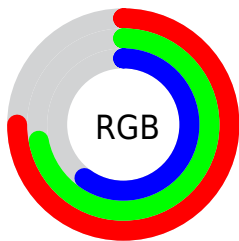
Format	Color
RYB	164, 192, 152
Decimal	12629912
CIELab	74.41, -1.90, 16.93
CIELCh	74, 17.036, 96.403
Yxy	47.3404, 0.3459, 0.3693
Android (android.graphics.Color)	4290819992 (0xFFC0B798)
YUV	182.1570, -14.8674, 8.6323
Hunter-Lab	68.8044, -5.3738, 16.7031

Details

The Yxy color $47.3404, 0.3459, 0.3693$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $35.9757, 0.2791, 0.2852$, and the grayscale version is $46.9470, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.3290, 0.3404, 0.3624$, and $22.3081, 0.3549, 0.3804$ is the 20% darker color. If you saturate the color by 10%, you get $45.0075, 0.3634, 0.3893$, and if you desaturate by 10%, it is $49.8342, 0.3293, 0.3496$.

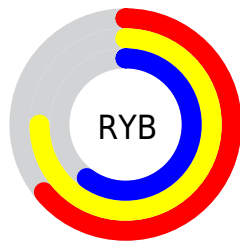
Distribution



Red (75%)

Green (72%)

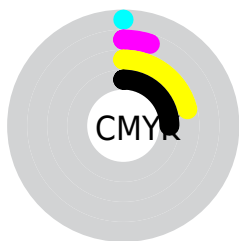
Blue (60%)



Red (64%)

Yellow (75%)

Blue (60%)

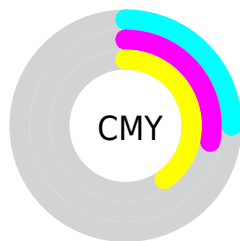


Cyan (0%)

Magenta (5%)

Yellow (21%)

Black (25%)



Cyan (25%)

Magenta (28%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.3404, 0.3459, 0.3693 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 47.3404, 0.3459, 0.3693 by changing the saturation by 10% instead.


 47.3404, 0.3459,
0.3693


 47.3404, 0.3459,
0.3693


376.1716, 0.3294,
0.3492

 33.3048, 0.3500,
0.3743


 86.2215, 0.3400,
0.3620

 22.3601, 0.3551,
0.3807


 111.8358, 0.3377,
0.3592

 14.1217, 0.3619,
0.3892


142.0786, 0.3358,
0.3569

 8.2054, 0.3712,
0.4009

177.3340, 0.3342,
0.3549

 4.2266, 0.3845,
0.4181

217.9867, 0.3328,
0.3532

 1.8011, 0.4104,
0.4511

264.4209, 0.3315,

 0.4879, 0.4610,

0.3517

0.5390

317.0211, 0.3304,
0.3503

0.0000, 0.0000,
0.0000

47.3404, 0.3459,
0.3693

47.3404, 0.3459,
0.3693

45.0075, 0.3634,
0.3893

49.8342, 0.3293,
0.3496

42.8237, 0.3815,
0.4088

52.4875, 0.3139,
0.3305

40.7854, 0.3996,
0.4271

55.3072, 0.2998,
0.3125

38.8862, 0.4171,
0.4431

58.2978, 0.2870,
0.2957

37.1193, 0.4331,
0.4558

61.4637, 0.2754,
0.2802

■ 35.4766, 0.4469,
0.4644

■ 63.9974, 0.2718,
0.2780

■ 33.9489, 0.4579,
0.4682

■ 66.1465, 0.2722,
0.2829

■ 32.6337, 0.4658,
0.4684

■ 68.3535, 0.2727,
0.2878

■ 70.6191, 0.2731,
0.2927

Harmonies

Analogous

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



47.3404, 0.3583, 0.3578



47.3404, 0.3459, 0.3693



47.3404, 0.3248, 0.3698

Triad

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



47.3404, 0.3459, 0.3693



47.3404, 0.2694, 0.3156



47.3404, 0.3233, 0.3023

Complementary

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



47.3404, 0.3459, 0.3693



35.9757, 0.2791, 0.2852

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.



47.3404, 0.2994, 0.2917



47.3404, 0.3459, 0.3693



47.3404, 0.2690, 0.2984

Square

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



47.3404, 0.3459, 0.3693



47.3404, 0.2809, 0.3377



47.3404, 0.2797, 0.2900



47.3404, 0.3451, 0.3196

Rectangle

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



47.3404, 0.3459, 0.3693



47.3404, 0.3088, 0.3632



47.3404, 0.2797, 0.2900



47.3404, 0.3152, 0.2979

Sweetspot

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



47.3425, 0.3459, 0.3693



92.5294, 0.3219, 0.3404



36.2511, 0.3445, 0.3167



19.7831, 0.3229, 0.3417



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.



47.3425, 0.3459, 0.3693



83.8080, 0.3538, 0.3784



49.8346, 0.3345, 0.3818



11.3613, 0.3270, 0.3467



22.0779, 0.4651, 0.4689



1.0508, 0.4529, 0.4786

Inverse Universe

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



35.9757, 0.2791, 0.2852



59.5161, 0.2710, 0.2741



34.0167, 0.2877, 0.2736



10.1076, 0.2983, 0.3106



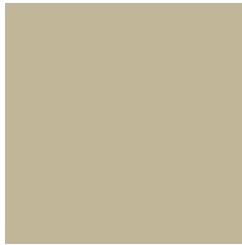
3.8327, 0.1571, 0.0856



0.2726, 0.1692, 0.1290

Previews

White Background



This preview shows how the Yxy color 47.3404, 0.3459, 0.3693 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 47.3404, 0.3459, 0.3693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

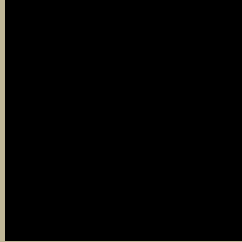
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

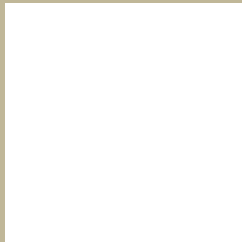
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.3404, 0.3459, 0.3693

Background



This preview shows how black text looks on a background with the Yxy color 47.3404, 0.3459, 0.3693.

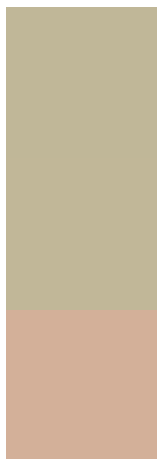


This preview shows how white text looks on a background with the Yxy color 47.3404, 0.3459, 0.3693.

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

47.3404, 0.3459, 0.3693

Protanopia

47.4714, 0.3468, 0.3692

Deuteranopia

47.1995, 0.3646, 0.3574



Tritanopia

47.0762, 0.3187, 0.3116

Trichromacy



Original Color

47.3404, 0.3459, 0.3693

Protanomaly

47.4714, 0.3468, 0.3692

Deuteranomaly

47.3775, 0.3571, 0.3618

Tritanomaly

47.0166, 0.3284, 0.3316

Monochromacy



Original Color

47.3404, 0.3459, 0.3693

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.8353, 0.3250, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3404, 0.3459, 0.3693 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, 183, 152)` looks like.

```
.text, #text, p{  
    color:rgb(192, 183, 152)  
}
```

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, 183, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 183, 152) }
```

Border

The CSS property to change the border of an element to Yxy 47.3404, 0.3459, 0.3693 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, 183, 152) }
```

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

```
.border{ border-color:rgb(192, 183, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 183, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 183, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 183, 152);  
box-shadow:4px 4px 4px 4px rgb(192, 183,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3404, 0.3459, 0.3693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 183, 152) }
```

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

```
.background{ background-color: rgb(192,  
183, 152) }
```

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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