

Converting Colors

Yxy(47.1348, 0.3399, 0.3516)

Have a look what the booklet for
Yxy(47.1348, 0.3399, 0.3516)
contains.

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Color

Yxy(47.2942, 0.3398, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	C3B5A3
RGB	195, 181, 163
RGB Percent	76%, 71%, 64%
CMY	0.2353, 0.2902, 0.3607
CMYK	0.00, 0.07, 0.16, 0.24
HSL	34°, 21%, 70%
HSV	34°, 16%, 76%
XYZ	45.6421, 47.2942, 41.3841
YIQ	183.1340, 14.1220, -2.6300

Conversions

Conversions Part 2

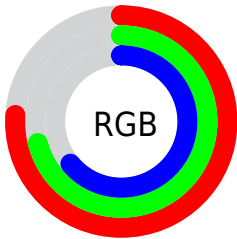
Format	Color
RYB	188, 195, 163
Decimal	12826019
CIELab	74.38, 1.98, 10.95
CIELCh	74, 11.129, 79.730
Yxy	47.2942, 0.3398, 0.3521
Android (android.graphics.Color)	4291016099 (0xFFC3B5A3)
YUV	183.1340, -9.9261, 10.4065
Hunter-Lab	68.7708, -1.8813, 12.4607

Details

The Yxy color $47.2942, 0.3398, 0.3521$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $43.1822, 0.2872, 0.3048$, and the grayscale version is $47.4828, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.3258, 0.3350, 0.3481$, and $22.2488, 0.3478, 0.3587$ is the 20% darker color. If you saturate the color by 10%, you get $43.2843, 0.3590, 0.3670$, and if you desaturate by 10%, it is $51.6289, 0.3226, 0.3378$.

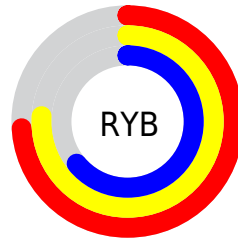
Distribution



Red (76%)

Green (71%)

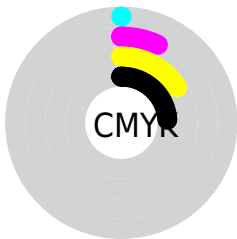
Blue (64%)



Red (74%)

Yellow (76%)

Blue (64%)

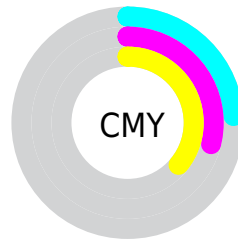


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2942, 0.3398, 0.3521 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 47.2942, 0.3398, 0.3521 by changing the saturation by 10% instead.


 47.2942, 0.3398,
0.3521


 47.2942, 0.3398,
0.3521


375.9876, 0.3263,
0.3406

 33.2683, 0.3432,
0.3549


 86.1526, 0.3349,
0.3480

 22.3321, 0.3475,
0.3585


 111.7539, 0.3330,
0.3464

 14.1011, 0.3533,
0.3633


141.9824, 0.3315,
0.3451

 8.1910, 0.3613,
0.3699

177.2226, 0.3301,
0.3439

 4.2174, 0.3732,
0.3795

217.8588, 0.3290,
0.3430

 1.7959, 0.3925,
0.3948

264.2755, 0.3280,

 0.4846, 0.5123,

0.3421

0.4877

316.8569, 0.3271,
0.3413

0.0000, 0.0000,
0.0000

47.2942, 0.3398,
0.3521

47.2942, 0.3398,
0.3521

43.2843, 0.3590,
0.3670

51.6289, 0.3226,
0.3378

39.5840, 0.3803,
0.3820

56.2902, 0.3075,
0.3242

36.1864, 0.4033,
0.3964

61.2883, 0.2941,
0.3116

33.0817, 0.4277,
0.4094

66.6307, 0.2824,
0.2999

30.2593, 0.4525,
0.4198

71.9638, 0.2751,
0.2949

■ 27.7079, 0.4765,
0.4265

■ 76.6595, 0.2758,
0.3044

■ 25.4145, 0.4983,
0.4283

■ 81.5887, 0.2766,
0.3137

■ 23.3639, 0.5167,
0.4248

■ 86.7547, 0.2773,
0.3229

■ 22.6762, 0.5230,
0.4229

■ 90.3422, 0.2778,
0.3289

Harmonies

Analogous

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



47.2942, 0.3433, 0.3419



47.2942, 0.3398, 0.3521



47.2942, 0.3289, 0.3563

Triad

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



47.2942, 0.3398, 0.3521



47.2942, 0.2876, 0.3284



47.2942, 0.3110, 0.3067

Complementary

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



47.2942, 0.3398, 0.3521



43.1822, 0.2872, 0.3048

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.



47.2942, 0.2963, 0.3029



47.2942, 0.3398, 0.3521



47.2942, 0.2830, 0.3149

Square

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



47.2942, 0.3398, 0.3521



47.2942, 0.2988, 0.3424



47.2942, 0.2862, 0.3057



47.2942, 0.3265, 0.3161

Rectangle

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



47.2942, 0.3398, 0.3521



47.2942, 0.3191, 0.3548



47.2942, 0.2862, 0.3057



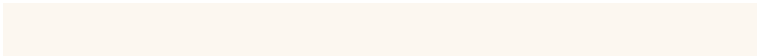
47.2942, 0.3058, 0.3047

Sweetspot

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



47.2963, 0.3398, 0.3521



93.5359, 0.3205, 0.3359



40.9960, 0.3302, 0.3106



20.3562, 0.3217, 0.3369



0.0000, 0.0000, 0.0000



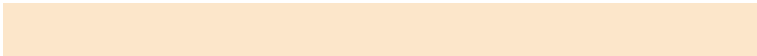
21.4041, 0.3127, 0.3290

Same Dimension

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



47.2963, 0.3398, 0.3521



81.8293, 0.3471, 0.3579



53.0661, 0.3357, 0.3694



10.9963, 0.3275, 0.3419



14.9080, 0.5212, 0.4243



0.7794, 0.4926, 0.4471

Inverse Universe

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



43.1822, 0.2872, 0.3048



72.9526, 0.2808, 0.2983



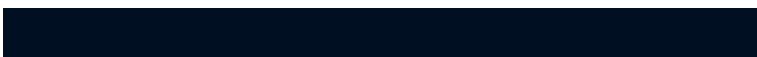
38.1021, 0.2877, 0.2855



10.4572, 0.2984, 0.3157



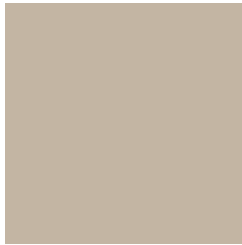
6.9820, 0.1721, 0.1395



0.4387, 0.1843, 0.1835

Previews

White Background



This preview shows how the Yxy color 47.2942, 0.3398, 0.3521 looks on a white background.

Color Contrast Check

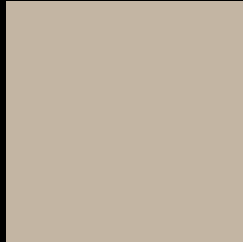
Large Text (above 18pt) WCAG AA × Fail

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 47.2942, 0.3398, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

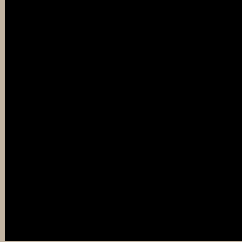
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.2942, 0.3398, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 47.2942, 0.3398, 0.3521.



This preview shows how white text looks on a background with the Yxy color 47.2942, 0.3398, 0.3521.

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

47.2942, 0.3398, 0.3521

Protanopia

47.2126, 0.3352, 0.3523

Deuteranopia

47.1409, 0.3520, 0.3439



Tritanopia

47.3480, 0.3205, 0.3117

Trichromacy



Original Color

47.2942, 0.3398, 0.3521

Protanomaly

47.3427, 0.3361, 0.3523

Deuteranomaly

47.2176, 0.3469, 0.3466

Tritanomaly

47.1828, 0.3278, 0.3253

Monochromacy



Original Color

47.2942, 0.3398, 0.3521

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.1553, 0.3218, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2942, 0.3398, 0.3521 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(195, 181, 163)` looks like.

```
.text, #text, p{  
    color:rgb(195, 181, 163)  
}
```

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(195, 181, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 181, 163) }
```

Border

The CSS property to change the border of an element to Yxy 47.2942, 0.3398, 0.3521 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(195, 181, 163) }
```

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

```
.border{ border-color:rgb(195, 181, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 181, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 181, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 181, 163);  
box-shadow:4px 4px 4px 4px rgb(195, 181,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2942, 0.3398, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 181, 163) }
```

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

```
.background{ background-color: rgb(195,  
181, 163) }
```

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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