

Converting Colors

$Yxy(47.8063, 0.3416, 0.3508)$

Have a look what the booklet for
Yxy(47.8063, 0.3416, 0.3508)
contains.

Yxy(47.7338, 0.3417, 0.3506)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(47.7338, 0.3417, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	C6B5A4
RGB	198, 181, 164
RGB Percent	78%, 71%, 64%
CMY	0.2234, 0.2902, 0.3568
CMYK	0.00, 0.09, 0.17, 0.22
HSL	30°, 23%, 71%
HSV	30°, 17%, 78%
XYZ	46.5221, 47.7338, 41.8930
YIQ	184.1450, 15.5890, -1.6830

Conversions

Conversions Part 2

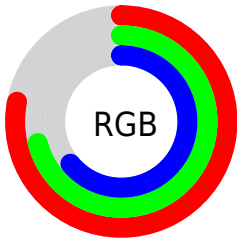
Format	Color
RYB	198, 198, 164
Decimal	13022628
CIELab	74.66, 3.28, 10.84
CIELCh	75, 11.326, 73.159
Yxy	47.7338, 0.3417, 0.3506
Android (android.graphics.Color)	4291212708 (0xFFC6B5A4)
YUV	184.1450, -9.9315, 12.1508
Hunter-Lab	69.0897, -0.7125, 12.4118

Details

The Yxy color $47.7338, 0.3417, 0.3506$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $45.0493, 0.2860, 0.3064$, and the grayscale version is $48.0705, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.9428, 0.3364, 0.3469$, and $22.5375, 0.3504, 0.3566$ is the 20% darker color. If you saturate the color by 10%, you get $43.1820, 0.3618, 0.3639$, and if you desaturate by 10%, it is $52.6888, 0.3240, 0.3378$.

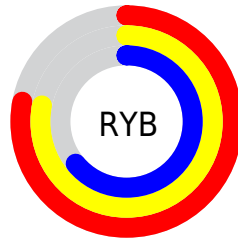
Distribution



Red (78%)

Green (71%)

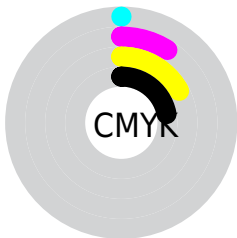
Blue (64%)



Red (78%)

Yellow (78%)

Blue (64%)

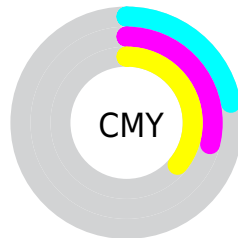


Cyan (0%)

Magenta (9%)

Yellow (17%)

Black (22%)



Cyan (22%)

Magenta (29%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7338, 0.3417, 0.3506 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 47.7338, 0.3417, 0.3506 by changing the saturation by 10% instead.


 47.7338, 0.3417,
0.3506


 47.7338, 0.3417,
0.3506


377.7360, 0.3272,
0.3400

 33.6161, 0.3453,
0.3532


 86.8079, 0.3364,
0.3468

 22.5989, 0.3499,
0.3565

 112.5332, 0.3345,
0.3453

 14.2976, 0.3561,
0.3609


142.8964, 0.3328,
0.3441

 8.3279, 0.3647,
0.3669

178.2820, 0.3314,
0.3430

 4.3055, 0.3774,
0.3756

219.0744, 0.3301,
0.3421

 1.8459, 0.3981,
0.3891

265.6579, 0.3290,

 0.5155, 0.5251,

0.3413

0.4749

318.4170, 0.3281,
0.3406

0.0000, 0.0000,
0.0000

47.7338, 0.3417,
0.3506

47.7338, 0.3417,
0.3506

43.1820, 0.3618,
0.3639

52.6888, 0.3240,
0.3378

39.0159, 0.3843,
0.3774

58.0513, 0.3086,
0.3257

35.2260, 0.4091,
0.3902

63.8334, 0.2951,
0.3144

31.7998, 0.4357,
0.4017

70.0449, 0.2834,
0.3040

28.7242, 0.4633,
0.4105

76.1664, 0.2775,
0.3027

■ 25.9847, 0.4903,
0.4154

■ 81.8681, 0.2783,
0.3135

■ 23.5653, 0.5150,
0.4154

■ 87.8897, 0.2791,
0.3241

■ 21.4464, 0.5361,
0.4100

■ 90.7509, 0.2795,
0.3289

■ 20.8953, 0.5417,
0.4081

Harmonies

Analogous

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



47.7338, 0.3434, 0.3393



47.7338, 0.3417, 0.3506



47.7338, 0.3321, 0.3564

Triad

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



47.7338, 0.3417, 0.3506



47.7338, 0.2892, 0.3316



47.7338, 0.3075, 0.3050

Complementary

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



47.7338, 0.3417, 0.3506



45.0493, 0.2860, 0.3064

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.



47.7338, 0.2933, 0.3025



47.7338, 0.3417, 0.3506



47.7338, 0.2830, 0.3174

Square

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



47.7338, 0.3417, 0.3506



47.7338, 0.3017, 0.3454



47.7338, 0.2844, 0.3069



47.7338, 0.3234, 0.3134

Rectangle

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



47.7338, 0.3417, 0.3506



47.7338, 0.3226, 0.3561



47.7338, 0.2844, 0.3069



47.7338, 0.3023, 0.3034

Sweetspot

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



47.7359, 0.3417, 0.3506



95.1966, 0.3206, 0.3352



41.9302, 0.3291, 0.3068



20.2347, 0.3217, 0.3360



0.0000, 0.0000, 0.0000



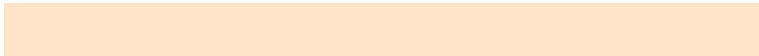
21.4041, 0.3127, 0.3290

Same Dimension

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



47.7359, 0.3417, 0.3506



81.0752, 0.3497, 0.3561



54.8386, 0.3384, 0.3706



11.4964, 0.3277, 0.3405



13.7542, 0.5397, 0.4097



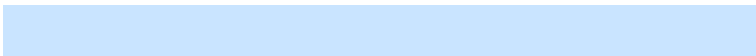
0.7961, 0.5081, 0.4348

Inverse Universe

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



45.0493, 0.2860, 0.3064



75.3444, 0.2793, 0.3003



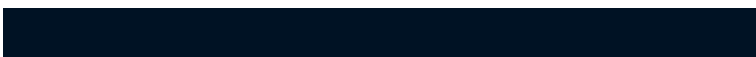
38.7358, 0.2849, 0.2838



11.1510, 0.2983, 0.3172



8.6539, 0.1777, 0.1597



0.5546, 0.1882, 0.1976

Previews

White Background



This preview shows how the Yxy color 47.7338, 0.3417, 0.3506 looks on a white background.

Color Contrast Check

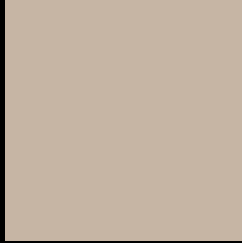
Large Text (above 18pt) WCAG AA × Fail

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 47.7338, 0.3417, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

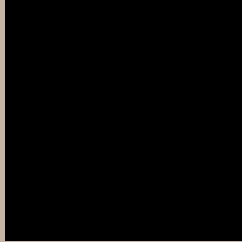
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7338, 0.3417, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 47.7338, 0.3417, 0.3506.



This preview shows how white text looks on a background with the Yxy color 47.7338, 0.3417, 0.3506.

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

47.7338, 0.3417, 0.3506

Protanopia

47.6600, 0.3342, 0.3523

Deuteranopia

47.5708, 0.3508, 0.3439



Tritanopia

47.7624, 0.3231, 0.3119

Trichromacy



Original Color

47.7338, 0.3417, 0.3506

Protanomaly

47.6418, 0.3370, 0.3508

Deuteranomaly

47.3948, 0.3469, 0.3453

Tritanomaly

47.5945, 0.3305, 0.3253

Monochromacy



Original Color

47.7338, 0.3417, 0.3506

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.8601, 0.3226, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7338, 0.3417, 0.3506 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(198, 181, 164)` looks like.

```
.text, #text, p{  
    color:rgb(198, 181, 164)  
}
```

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(198, 181, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 181, 164) }
```

Border

The CSS property to change the border of an element to Yxy 47.7338, 0.3417, 0.3506 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(198, 181, 164) }
```

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

```
.border{ border-color:rgb(198, 181, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 181, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 181, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 181, 164);  
box-shadow:4px 4px 4px 4px rgb(198, 181,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7338, 0.3417, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 181, 164) }
```

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

```
.background{ background-color: rgb(198,  
181, 164) }
```

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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