

Converting Colors

$Yxy(46.2354, 0.3519, 0.3697)$

Have a look what the booklet for
Yxy(46.2354, 0.3519, 0.3697)
contains.

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Color

Yxy(46.2500, 0.3519, 0.3706)

Conversions

Conversions Part 1

Format	Color
Hex	C2B494
RGB	194, 180, 148
RGB Percent	76%, 71%, 58%
CMY	0.2392, 0.2941, 0.4196
CMYK	0.00, 0.07, 0.24, 0.24
HSL	42°, 27%, 67%
HSV	42°, 24%, 76%
XYZ	43.9163, 46.2500, 34.6313
YIQ	180.5380, 18.6160, -6.9840

Conversions

Conversions Part 2

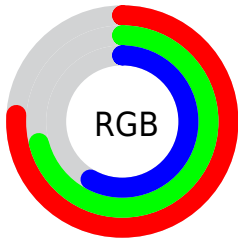
Format	Color
R_{YB}	168, 194, 148
Decimal	12760212
CIE Lab	73.71, -0.13, 18.15
CIE LCh	74, 18.147, 90.398
Yxy	46.2500, 0.3519, 0.3706
Android (android.graphics.Color)	4290950292 (0xFFC2B494)
YUV	180.5380, -16.0412, 11.8062
Hunter-Lab	68.0074, -3.7451, 17.4129

Details

The Yxy color **46.2500, 0.3519, 0.3706** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.0363, 0.2744, 0.2836**, and the grayscale version is **46.0284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.7644, 0.3449, 0.3635**, and **21.6173, 0.3634, 0.3821** is the 20% darker color. If you saturate the color by 10%, you get **43.3540, 0.3707, 0.3888**, and if you desaturate by 10%, it is **49.3548, 0.3344, 0.3526**.

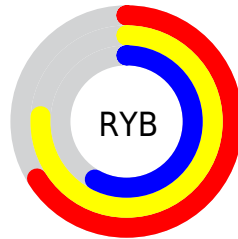
Distribution



Red (76%)

Green (71%)

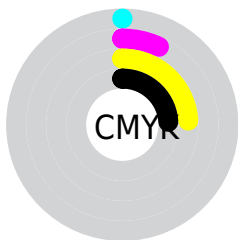
Blue (58%)



Red (66%)

Yellow (76%)

Blue (58%)

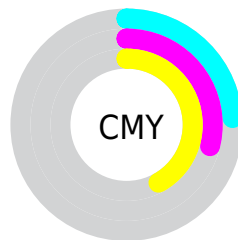


Cyan (0%)

Magenta (7%)

Yellow (24%)

Black (24%)



Cyan (24%)


Magenta (29%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.2500, 0.3519, 0.3706 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 46.2500, 0.3519, 0.3706 by changing the saturation by 10% instead.


 46.2500, 0.3519,
0.3706


 46.2500, 0.3519,
0.3706


371.8128, 0.3323,
0.3498

 32.4431, 0.3567,
0.3757


 84.5930, 0.3448,
0.3631

 21.7002, 0.3629,
0.3823


 109.8980, 0.3421,
0.3602

 13.6368, 0.3711,
0.3910

139.8044, 0.3399,
0.3578

 7.8685, 0.3823,
0.4029

174.6968, 0.3380,
0.3558

 4.0109, 0.3984,
0.4201

214.9594, 0.3363,
0.3540

 1.6797, 0.4355,
0.4596

260.9767, 0.3348,

 0.4104, 0.4853,

0.3524

0.5147

313.1330, 0.3335,
0.3511

0.0000, 0.0000,
0.0000

46.2500, 0.3519,
0.3706

46.2500, 0.3519,
0.3706

43.3540, 0.3707,
0.3888

49.3548, 0.3344,
0.3526

40.6541, 0.3905,
0.4064

52.6681, 0.3183,
0.3352

38.1457, 0.4106,
0.4227

56.1977, 0.3037,
0.3188

35.8211, 0.4304,
0.4366

59.9490, 0.2906,
0.3034

33.6724, 0.4490,
0.4469

63.9271, 0.2789,
0.2892

■ 31.6902, 0.4652,
0.4528

■ 67.5161, 0.2737,
0.2855

■ 29.8635, 0.4786,
0.4537

■ 70.5868, 0.2742,
0.2922

■ 28.7823, 0.4858,
0.4524

■ 73.7674, 0.2748,
0.2988

■ 77.0589, 0.2753,
0.3053

Harmonies

Analogous

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



46.2500, 0.3628, 0.3563



46.2500, 0.3519, 0.3706



46.2500, 0.3306, 0.3738

Triad

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



46.2500, 0.3519, 0.3706



46.2500, 0.2679, 0.3191



46.2500, 0.3188, 0.2975

Complementary

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



46.2500, 0.3519, 0.3706



36.0363, 0.2744, 0.2836

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.



46.2500, 0.2936, 0.2879



46.2500, 0.3519, 0.3706



46.2500, 0.2650, 0.2991

Square

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



46.2500, 0.3519, 0.3706



46.2500, 0.2823, 0.3431



46.2500, 0.2742, 0.2882



46.2500, 0.3433, 0.3148

Rectangle

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



46.2500, 0.3519, 0.3706



46.2500, 0.3136, 0.3685



46.2500, 0.2742, 0.2882



46.2500, 0.3101, 0.2933

Sweetspot

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



46.2521, 0.3519, 0.3706



93.3293, 0.3236, 0.3410



35.2810, 0.3461, 0.3098



20.3564, 0.3246, 0.3421



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.



46.2521, 0.3519, 0.3706



81.2599, 0.3607, 0.3792



51.1109, 0.3408, 0.3889



11.2240, 0.3272, 0.3450



19.0720, 0.4847, 0.4533



0.9409, 0.4668, 0.4675

Inverse Universe

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



36.0363, 0.2744, 0.2836



59.8193, 0.2661, 0.2731



32.1889, 0.2802, 0.2643



10.2369, 0.2984, 0.3125



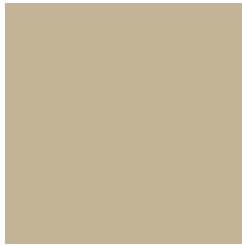
4.7499, 0.1618, 0.1025



0.3297, 0.1748, 0.1493

Previews

White Background



This preview shows how the Yxy color 46.2500, 0.3519, 0.3706 looks on a white background.

Color Contrast Check

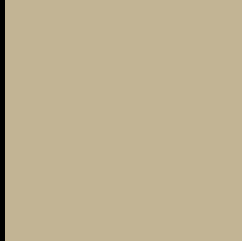
Large Text (above 18pt) WCAG AA × Fail

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 46.2500, 0.3519, 0.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

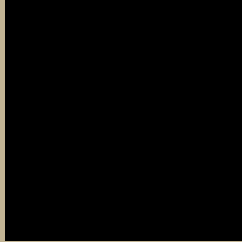
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.2500, 0.3519, 0.3706

Background



This preview shows how black text looks on a background with the Yxy color 46.2500, 0.3519, 0.3706.



This preview shows how white text looks on a background with the Yxy color 46.2500, 0.3519, 0.3706.

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

46.2500, 0.3519, 0.3706

Protanopia

46.3923, 0.3498, 0.3721

Deuteranopia

46.1437, 0.3679, 0.3601



Tritanopia

46.0451, 0.3233, 0.3116

Trichromacy



Original Color

46.2500, 0.3519, 0.3706

Protanomaly

46.5233, 0.3507, 0.3720

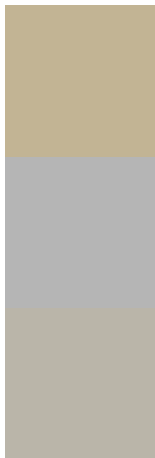
Deuteranomaly

46.0580, 0.3616, 0.3632

Tritanomaly

45.9381, 0.3340, 0.3329

Monochromacy



Original Color

46.2500, 0.3519, 0.3706

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.3514, 0.3268, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2500, 0.3519, 0.3706 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(194, 180, 148)` looks like.

```
.text, #text, p{  
    color:rgb(194, 180, 148)  
}
```

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(194, 180, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 180, 148) }
```

Border

The CSS property to change the border of an element to Yxy 46.2500, 0.3519, 0.3706 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(194, 180, 148) }
```

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

```
.border{ border-color:rgb(194, 180, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 180, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 180, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 180, 148);  
box-shadow:4px 4px 4px 4px rgb(194, 180,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2500, 0.3519, 0.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 180, 148) }
```

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

```
.background{ background-color: rgb(194,  
180, 148) }
```

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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