

Converting Colors

$Yxy(46.3772, 0.3701, 0.3907)$

Have a look what the booklet for
Yxy(46.3772, 0.3701, 0.3907)
contains.

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Color

Yxy(46.4506, 0.3702, 0.3905)

Conversions

Conversions Part 1

Format	Color
Hex	C7B484
RGB	199, 180, 132
RGB Percent	78%, 71%, 52%
CMY	0.2196, 0.2941, 0.4825
CMYK	0.00, 0.10, 0.34, 0.22
HSL	43°, 37%, 65%
HSV	43°, 34%, 78%
XYZ	44.0359, 46.4506, 28.4651
YIQ	180.2090, 26.7320, -10.9000

Conversions

Conversions Part 2

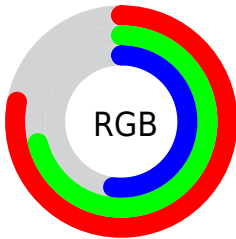
Format	Color
RYB	159, 199, 132
Decimal	13087876
CIELab	73.84, -0.33, 27.01
CIELCh	74, 27.010, 90.708
Yxy	46.4506, 0.3702, 0.3905
Android (android.graphics.Color)	4291277956 (0xFFC7B484)
YUV	180.2090, -23.7670, 16.4797
Hunter-Lab	68.1547, -3.9388, 22.9455

Details

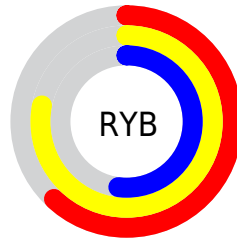
The Yxy color $46.4506, 0.3702, 0.3905$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $31.1452, 0.2564, 0.2586$, and the grayscale version is $45.8788, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.7537, 0.3591, 0.3804$, and $21.7172, 0.3859, 0.4065$ is the 20% darker color. If you saturate the color by 10%, you get $43.7294, 0.3896, 0.4086$, and if you desaturate by 10%, it is $49.3725, 0.3516, 0.3718$.

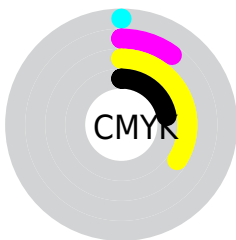
Distribution



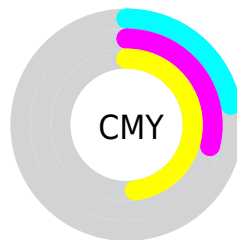
- Red (78%)
- Green (71%)
- Blue (52%)



- Red (62%)
- Yellow (78%)
- Blue (52%)



- Cyan (0%)
- Magenta (10%)
- Yellow (34%)
- Black (22%)



- Cyan (22%)
- Magenta (29%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.4506, 0.3702, 0.3905 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 46.4506, 0.3702, 0.3905 by changing the saturation by 10% instead.

 46.4506, 0.3702,
0.3905


 46.4506, 0.3702,
0.3905

372.6173, 0.3417,
0.3600

 32.6015, 0.3771,
0.3979


 84.8930, 0.3600,
0.3795

 21.8214, 0.3858,
0.4072


 110.2551, 0.3561,
0.3754

 13.7257, 0.3970,
0.4193

 140.2236, 0.3528,
0.3719

 7.9301, 0.4119,
0.4353

175.1830, 0.3500,
0.3688

 4.0503, 0.4318,
0.4570

215.5177, 0.3475,
0.3662

 1.7017, 0.4854,
0.5146

261.6121, 0.3454,

 0.4248, 0.4822,

0.3639

0.5178

313.8504, 0.3434,
0.3618

0.0000, 0.0000,
0.0000

46.4506, 0.3702,
0.3905

46.4506, 0.3702,
0.3905

43.7294, 0.3896,
0.4086

49.3725, 0.3516,
0.3718

41.1955, 0.4092,
0.4253

52.4952, 0.3343,
0.3533

38.8434, 0.4283,
0.4396

55.8270, 0.3182,
0.3354

36.6646, 0.4459,
0.4502

59.3737, 0.3037,
0.3184

34.6496, 0.4613,
0.4564

63.1408, 0.2905,
0.3025

■ 32.7871, 0.4737,
0.4578

■ 67.1335, 0.2788,
0.2878

■ 31.6757, 0.4804,
0.4567

■ 70.2643, 0.2771,
0.2904

■ 73.2631, 0.2776,
0.2967

■ 76.3625, 0.2781,
0.3029

Harmonies

Analogous

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



46.4506, 0.3872, 0.3683



46.4506, 0.3702, 0.3905



46.4506, 0.3381, 0.3966

Triad

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



46.4506, 0.3702, 0.3905



46.4506, 0.2470, 0.3129



46.4506, 0.3217, 0.2836

Complementary

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



46.4506, 0.3702, 0.3905



31.1452, 0.2564, 0.2586

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.



46.4506, 0.2844, 0.2694



46.4506, 0.3702, 0.3905



46.4506, 0.2432, 0.2840

Square

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



46.4506, 0.3702, 0.3905



46.4506, 0.2674, 0.3495



46.4506, 0.2564, 0.2691



46.4506, 0.3585, 0.3081

Rectangle

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



46.4506, 0.3702, 0.3905



46.4506, 0.3130, 0.3889



46.4506, 0.2564, 0.2691



46.4506, 0.3088, 0.2775

Sweetspot

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



46.4527, 0.3702, 0.3905



93.9435, 0.3284, 0.3469



30.8696, 0.3683, 0.3041



19.9322, 0.3308, 0.3494



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.



46.4527, 0.3702, 0.3905



78.0136, 0.3835, 0.4031



52.7561, 0.3504, 0.4158



11.8896, 0.3272, 0.3455



20.5254, 0.4794, 0.4576



1.0904, 0.4641, 0.4697

Inverse Universe

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



31.1452, 0.2564, 0.2586



47.4023, 0.2437, 0.2412



26.7752, 0.2655, 0.2331



10.7685, 0.2983, 0.3120



4.6228, 0.1604, 0.0974



0.3450, 0.1723, 0.1404

Previews

White Background



This preview shows how the Yxy color 46.4506, 0.3702, 0.3905 looks on a white background.

Color Contrast Check

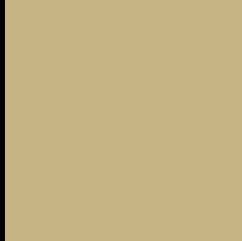
Large Text (above 18pt) WCAG AA × Fail

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 46.4506, 0.3702, 0.3905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

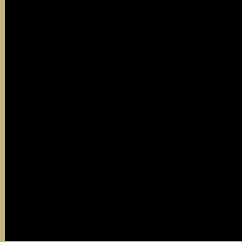
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

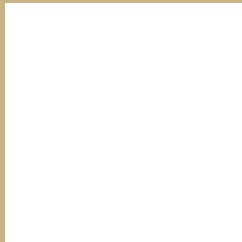
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.4506, 0.3702, 0.3905

Background



This preview shows how black text looks on a background with the Yxy color 46.4506, 0.3702, 0.3905.



This preview shows how white text looks on a background with the Yxy color 46.4506, 0.3702, 0.3905.

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

46.4506, 0.3702, 0.3905

Protanopia

46.3433, 0.3652, 0.3912

Deuteranopia

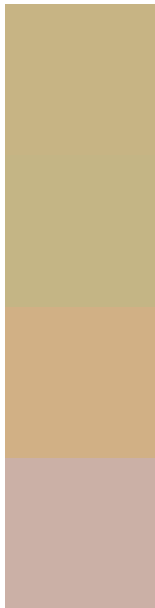
46.4126, 0.3870, 0.3790



Tritanopia

46.4114, 0.3305, 0.3131

Trichromacy



Original Color

46.4506, 0.3702, 0.3905

Protanomaly

46.4770, 0.3661, 0.3910

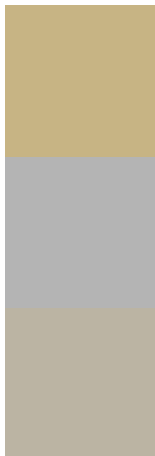
Deuteranomaly

46.2994, 0.3804, 0.3825

Tritanomaly

46.5004, 0.3456, 0.3416

Monochromacy



Original Color

46.4506, 0.3702, 0.3905

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.8517, 0.3328, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4506, 0.3702, 0.3905 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(199, 180, 132)` looks like.

```
.text, #text, p{  
    color:rgb(199, 180, 132)  
}
```

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(199, 180, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 180, 132) }
```

Border

The CSS property to change the border of an element to Yxy 46.4506, 0.3702, 0.3905 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(199, 180, 132) }
```

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

```
.border{ border-color:rgb(199, 180, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 180, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 180, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 180, 132);  
box-shadow:4px 4px 4px 4px rgb(199, 180,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4506, 0.3702, 0.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 180, 132) }
```

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

```
.background{ background-color: rgb(199,  
180, 132) }
```

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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