

Converting Colors

$Yxy(44.9362, 0.3511, 0.3706)$

Have a look what the booklet for
Yxy(44.9362, 0.3511, 0.3706)
contains.

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Color

Yxy(44.9925, 0.3514, 0.3712)

Conversions

Conversions Part 1

Format	Color
Hex	BFB292
RGB	191, 178, 146
RGB Percent	75%, 70%, 57%
CMY	0.2510, 0.3019, 0.4275
CMYK	0.00, 0.07, 0.24, 0.25
HSL	43°, 26%, 66%
HSV	43°, 24%, 75%
XYZ	42.5926, 44.9925, 33.6232
YIQ	178.2390, 18.0200, -7.1960

Conversions

Conversions Part 2

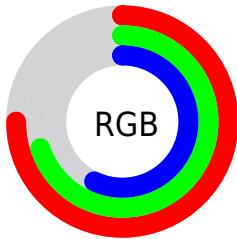
Format	Color
RYB	164, 191, 146
Decimal	12563090
CIELab	72.89, -0.51, 18.07
CIElCh	73, 18.077, 91.625
Yxy	44.9925, 0.3514, 0.3712
Android (android.graphics.Color)	4290753170 (0xFFBFB292)
YUV	178.2390, -15.8938, 11.1914
Hunter-Lab	67.0764, -4.0389, 17.2334

Details

The Yxy color $44.9925, 0.3514, 0.3712$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $34.6550, 0.2746, 0.2829$, and the grayscale version is $44.7326, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.9722, 0.3445, 0.3638$, and $20.8118, 0.3629, 0.3830$ is the 20% darker color. If you saturate the color by 10%, you get $42.2996, 0.3700, 0.3897$, and if you desaturate by 10%, it is $47.8768, 0.3340, 0.3528$.

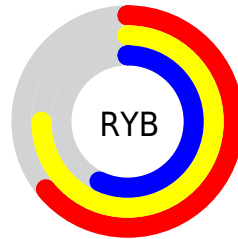
Distribution



Red (75%)

Green (70%)

Blue (57%)



Red (64%)

Yellow (75%)

Blue (57%)

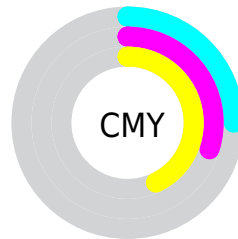


Cyan (0%)

Magenta (7%)

Yellow (24%)

Black (25%)



Cyan (25%)


Magenta (30%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9925, 0.3514, 0.3712 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 44.9925, 0.3514, 0.3712 by changing the saturation by 10% instead.


 44.9925, 0.3514,
0.3712

 44.9925, 0.3514,
0.3712


366.7432, 0.3320,
0.3500

 31.4515, 0.3562,
0.3765


 82.7092, 0.3444,
0.3635

 20.9429, 0.3624,
0.3833


 107.6536, 0.3417,
0.3606

 13.0823, 0.3705,
0.3922


137.1680, 0.3395,
0.3582

 7.4852, 0.3818,
0.4046

171.6368, 0.3376,
0.3561

 3.7674, 0.3980,
0.4226

211.4443, 0.3359,
0.3542

 1.5443, 0.4414,
0.4702

256.9749, 0.3344,

 0.3196, 0.4768,

0.3527

0.5232

308.6131, 0.3332,
0.3513

0.0000, 0.0000,
0.0000

44.9925, 0.3514,
0.3712

44.9925, 0.3514,
0.3712

42.2996, 0.3700,
0.3897

47.8768, 0.3340,
0.3528

39.7862, 0.3894,
0.4077

50.9521, 0.3181,
0.3351

37.4479, 0.4091,
0.4243

54.2258, 0.3036,
0.3183

35.2777, 0.4283,
0.4385

57.7027, 0.2905,
0.3026

33.2680, 0.4462,
0.4491

61.3878, 0.2787,
0.2881

■ 31.4100, 0.4619,
0.4554

■ 64.9213, 0.2714,
0.2803

■ 29.6935, 0.4746,
0.4568

■ 67.7080, 0.2719,
0.2866

■ 28.6530, 0.4816,
0.4558

■ 70.5896, 0.2725,
0.2929

■ 73.5668, 0.2730,
0.2990

Harmonies

Analogous

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



44.9925, 0.3629, 0.3572



44.9925, 0.3514, 0.3712



44.9925, 0.3297, 0.3739

Triad

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



44.9925, 0.3514, 0.3712



44.9925, 0.2673, 0.3181



44.9925, 0.3200, 0.2980

Complementary

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



44.9925, 0.3514, 0.3712



34.6550, 0.2746, 0.2829

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.



44.9925, 0.2944, 0.2879



44.9925, 0.3514, 0.3712



44.9925, 0.2649, 0.2983

Square

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



44.9925, 0.3514, 0.3712



44.9925, 0.2814, 0.3422



44.9925, 0.2746, 0.2877



44.9925, 0.3444, 0.3155

Rectangle

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



44.9925, 0.3514, 0.3712



44.9925, 0.3126, 0.3682



44.9925, 0.2746, 0.2877



44.9925, 0.3112, 0.2936

Sweetspot

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



44.9945, 0.3514, 0.3712



89.2683, 0.3236, 0.3413



34.1464, 0.3466, 0.3110



19.5282, 0.3245, 0.3424



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.



44.9945, 0.3514, 0.3712



78.1948, 0.3603, 0.3802



49.2798, 0.3399, 0.3886



10.6427, 0.3271, 0.3453



18.9743, 0.4805, 0.4566



0.8502, 0.4627, 0.4708

Inverse Universe

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



34.6550, 0.2746, 0.2829



56.6356, 0.2661, 0.2718



31.2784, 0.2812, 0.2650



9.6618, 0.2984, 0.3122



4.3963, 0.1608, 0.0990



0.2885, 0.1748, 0.1492

Previews

White Background



This preview shows how the Yxy color 44.9925, 0.3514, 0.3712 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 44.9925, 0.3514, 0.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

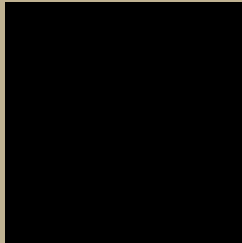
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

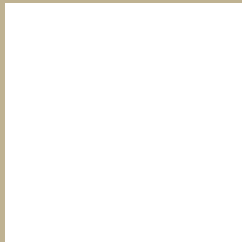
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.9925, 0.3514, 0.3712

Background



This preview shows how black text looks on a background with the Yxy color 44.9925, 0.3514, 0.3712.



This preview shows how white text looks on a background with the Yxy color 44.9925, 0.3514, 0.3712.

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

44.9925, 0.3514, 0.3712

Protanopia

45.1343, 0.3492, 0.3727

Deuteranopia

44.8770, 0.3675, 0.3605



Tritanopia

44.7860, 0.3225, 0.3114

Trichromacy



Original Color

44.9925, 0.3514, 0.3712

Protanomaly

45.2627, 0.3502, 0.3725

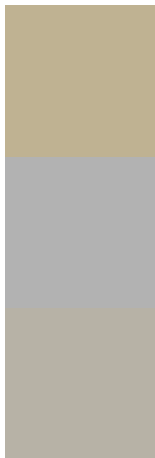
Deuteranomaly

44.7962, 0.3611, 0.3636

Tritanomaly

44.6817, 0.3333, 0.3329

Monochromacy



Original Color

44.9925, 0.3514, 0.3712

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.6612, 0.3270, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9925, 0.3514, 0.3712 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(191, 178, 146)` looks like.

```
.text, #text, p{  
    color:rgb(191, 178, 146)  
}
```

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(191, 178, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 178, 146) }
```

Border

The CSS property to change the border of an element to Yxy 44.9925, 0.3514, 0.3712 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(191, 178, 146) }
```

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

```
.border{ border-color:rgb(191, 178, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 178, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 178, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 178, 146); box-shadow:4px 4px 4px 4px rgb(191, 178, 146) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9925, 0.3514, 0.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 178, 146) }
```

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

```
.background{ background-color: rgb(191,  
178, 146) }
```

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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