

Converting Colors

$Yxy(46.1466, 0.3598, 0.3952)$

Have a look what the booklet for
Yxy(46.1466, 0.3598, 0.3952)
contains.

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Color

Yxy(45.9407, 0.3601, 0.3950)

Conversions

Conversions Part 1

Format	Color
Hex	BDB684
RGB	189, 182, 132
RGB Percent	74%, 71%, 52%
CMY	0.2587, 0.2863, 0.4824
CMYK	0.00, 0.04, 0.30, 0.26
HSL	53°, 30%, 63%
HSV	53°, 30%, 74%
XYZ	41.8816, 45.9407, 28.4832
YIQ	178.3930, 20.2220, -14.0660

Conversions

Conversions Part 2

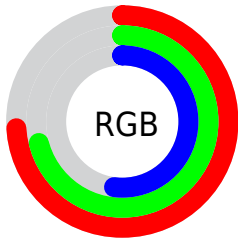
Format	Color
RYB	140, 189, 132
Decimal	12433028
CIELab	73.51, -5.33, 26.41
CIELCh	74, 26.944, 101.401
Yxy	45.9407, 0.3601, 0.3950
Android (android.graphics.Color)	4290623108 (0xFFBDB684)
YUV	178.3930, -22.8717, 9.3023
Hunter-Lab	67.7796, -8.3174, 22.5301

Details

The Yxy color **45.9407, 0.3601, 0.3950** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.0451, 0.2613, 0.2530**, and the grayscale version is **44.8570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.2447, 0.3521, 0.3835**, and **21.4606, 0.3729, 0.4133** is the 20% darker color. If you saturate the color by 10%, you get **44.5264, 0.3764, 0.4166**, and if you desaturate by 10%, it is **47.4687, 0.3438, 0.3728**.

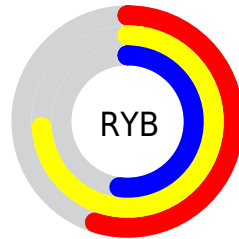
Distribution



Red (74%)

Green (71%)

Blue (52%)



Red (55%)

Yellow (74%)

Blue (52%)

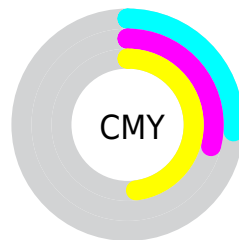


Cyan (0%)

Magenta (4%)

Yellow (30%)

Black (26%)



Cyan (26%)


Magenta (29%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.9407, 0.3601, 0.3950 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 45.9407, 0.3601, 0.3950 by changing the saturation by 10% instead.


 45.9407, 0.3601,
0.3950

 45.9407, 0.3601,
0.3950

370.5702, 0.3368,
0.3618


 32.1990, 0.3657,
0.4033

 84.1302, 0.3518,
0.3829

 21.5136, 0.3727,
0.4138


 109.3469, 0.3486,
0.3784

 13.4999, 0.3817,
0.4277


 139.1574, 0.3459,
0.3745

 7.7737, 0.3934,
0.4465

173.9460, 0.3436,
0.3713

 3.9505, 0.4087,
0.4731

214.0972, 0.3416,
0.3684

 1.6459, 0.4553,
0.5447

259.9954, 0.3398,

 0.3883, 0.3810,

0.3659

0.6190

312.0249, 0.3382,
0.3637

0.0000, 0.0000,
0.0000

45.9407, 0.3601,
0.3950

45.9407, 0.3601,
0.3950

44.5264, 0.3764,
0.4166

47.4687, 0.3438,
0.3728

43.2145, 0.3922,
0.4367

49.1090, 0.3280,
0.3507

42.0015, 0.4068,
0.4544


50.8680, 0.3130,
0.3294

40.8810, 0.4196,
0.4686

52.7501, 0.2989,
0.3091


39.8459, 0.4299,
0.4788


54.7590, 0.2860,
0.2901


 38.8880, 0.4375,
0.4845

 56.8987, 0.2742,
0.2725

 38.0056, 0.4428,
0.4866

 58.5593, 0.2688,
0.2654

 59.6329, 0.2690,
0.2681

 60.7230, 0.2693,
0.2708

Harmonies

Analogous

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



45.9407, 0.3834, 0.3776



45.9407, 0.3601, 0.3950



45.9407, 0.3248, 0.3938

Triad

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



45.9407, 0.3601, 0.3950



45.9407, 0.2436, 0.3012



45.9407, 0.3356, 0.2913

Complementary

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



45.9407, 0.3601, 0.3950



27.0451, 0.2613, 0.2530

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.



45.9407, 0.2971, 0.2730



45.9407, 0.3601, 0.3950



45.9407, 0.2459, 0.2768

Square

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



45.9407, 0.3601, 0.3950



45.9407, 0.2584, 0.3363



45.9407, 0.2649, 0.2674



45.9407, 0.3693, 0.3185

Rectangle

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



45.9407, 0.3601, 0.3950



45.9407, 0.2996, 0.3811



45.9407, 0.2649, 0.2674



45.9407, 0.3227, 0.2840

Sweetspot

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



45.9428, 0.3601, 0.3950



88.2487, 0.3264, 0.3485



29.2006, 0.3704, 0.3186



18.8820, 0.3286, 0.3517



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



45.9428, 0.3601, 0.3950



80.6193, 0.3706, 0.4090



46.4055, 0.3390, 0.4082



10.9147, 0.3267, 0.3489



25.6413, 0.4425, 0.4869



1.0614, 0.4362, 0.4919

Inverse Universe

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



27.0451, 0.2613, 0.2530



41.5430, 0.2488, 0.2338



26.9352, 0.2797, 0.2466



9.4095, 0.2984, 0.3082



2.9534, 0.1529, 0.0703



0.1786, 0.1617, 0.1021

Previews

White Background



This preview shows how the Yxy color 45.9407, 0.3601, 0.3950 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 45.9407, 0.3601, 0.3950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

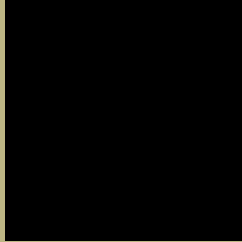
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.9407, 0.3601, 0.3950

Background



This preview shows how black text looks on a background with the Yxy color 45.9407, 0.3601, 0.3950.



This preview shows how white text looks on a background with the Yxy color 45.9407, 0.3601, 0.3950.

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

45.9407, 0.3601, 0.3950

Protanopia

45.7505, 0.3663, 0.3928

Deuteranopia

45.7545, 0.3847, 0.3770



Tritanopia

46.0265, 0.3205, 0.3127

Trichromacy



Original Color

45.9407, 0.3601, 0.3950

Protanomaly

45.8929, 0.3641, 0.3944

Deuteranomaly

45.5815, 0.3757, 0.3834

Tritanomaly

46.0054, 0.3343, 0.3419

Monochromacy



Original Color

45.9407, 0.3601, 0.3950

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.7585, 0.3301, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9407, 0.3601, 0.3950 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(189, 182, 132)` looks like.

```
.text, #text, p{  
    color:rgb(189, 182, 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(189, 182, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 182, 132) }
```

Border

The CSS property to change the border of an element to Yxy 45.9407, 0.3601, 0.3950 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(189, 182, 132) }
```

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

```
.border{ border-color:rgb(189, 182, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 182, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 182, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 182, 132);  
box-shadow:4px 4px 4px 4px rgb(189, 182,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9407, 0.3601, 0.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 182, 132) }
```

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

```
.background{ background-color: rgb(189,  
182, 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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