

Converting Colors

$Yxy(41.5142, 0.3587, 0.3601)$

Have a look what the booklet for
Yxy(41.5142, 0.3587, 0.3601)
contains.

Yxy(41.4882, 0.3590, 0.3608)	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(41.4882, 0.3590, 0.3608)

Conversions

Conversions Part 1

Format	Color
Hex	C2A890
RGB	194, 168, 144
RGB Percent	76%, 66%, 56%
CMY	0.2393, 0.3411, 0.4353
CMYK	0.00, 0.13, 0.26, 0.24
HSL	29°, 29%, 66%
HSV	29°, 26%, 76%
XYZ	41.2812, 41.4882, 32.2200
YIQ	173.0380, 23.2000, -1.9520

Conversions

Conversions Part 2

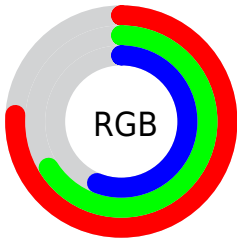
Format	Color
RYB	194, 190, 144
Decimal	12757136
CIELab	70.52, 5.74, 15.89
CIELCh	71, 16.894, 70.150
Yxy	41.4882, 0.3590, 0.3608
Android (android.graphics.Color)	4290947216 (0xFFC2A890)
YUV	173.0380, -14.3157, 18.3837
Hunter-Lab	64.4113, 1.6808, 15.4297

Details

The Yxy color **41.4882, 0.3590, 0.3608** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.5641, 0.2723, 0.2949**, and the grayscale version is **41.8752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3618, 0.3502, 0.3548**, and **18.8744, 0.3728, 0.3688** is the 20% darker color. If you saturate the color by 10%, you get **37.3678, 0.3814, 0.3738**, and if you desaturate by 10%, it is **46.0029, 0.3391, 0.3480**.

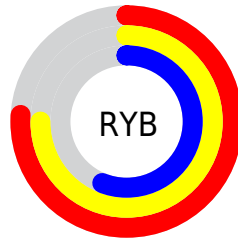
Distribution



Red (76%)

Green (66%)

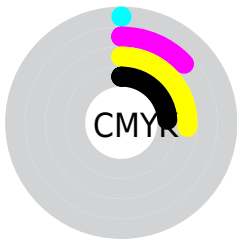
Blue (56%)



Red (76%)

Yellow (75%)

Blue (56%)

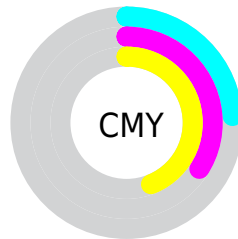


Cyan (0%)

Magenta (13%)

Yellow (26%)

Black (24%)



Cyan (24%)


Magenta (34%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4882, 0.3590, 0.3608 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 41.4882, 0.3590, 0.3608 by changing the saturation by 10% instead.


 41.4882, 0.3590,
0.3608

 41.4882, 0.3590,
0.3608


352.3569, 0.3353,
0.3449

 28.7008, 0.3651,
0.3647


 77.4244, 0.3503,
0.3551

 18.8546, 0.3729,
0.3697


 101.3420, 0.3470,
0.3529

 11.5652, 0.3835,
0.3763


129.7385, 0.3443,
0.3511

 6.4484, 0.3985,
0.3852

162.9981, 0.3420,
0.3495

 3.1196, 0.4211,
0.3979

201.5054, 0.3400,
0.3481

 1.1945, 0.4932,
0.4480

245.6447, 0.3382,

 0.0572, 0.7727,

0.3469

0.2273

295.8004, 0.3367,
0.3459

0.0000, 0.0000,
0.0000

41.4882, 0.3590,
0.3608

41.4882, 0.3590,
0.3608

37.3678, 0.3814,
0.3738

46.0029, 0.3391,
0.3480

33.6243, 0.4064,
0.3863

50.9172, 0.3217,
0.3357

30.2471, 0.4334,
0.3976

56.2438, 0.3065,
0.3242

27.2230, 0.4616,
0.4064

61.9928, 0.2934,
0.3135

24.5376, 0.4896,
0.4116

68.1740, 0.2819,
0.3037

■ 22.1753, 0.5157,
0.4120

■ 74.4444, 0.2749,
0.3002

■ 20.1178, 0.5381,
0.4069

■ 80.1692, 0.2758,
0.3113

■ 19.3269, 0.5470,
0.4039

■ 86.2230, 0.2767,
0.3222

■ 90.2067, 0.2773,
0.3289

Harmonies

Analogous

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



41.4882, 0.3605, 0.3425



41.4882, 0.3590, 0.3608



41.4882, 0.3447, 0.3715

Triad

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



41.4882, 0.3590, 0.3608



41.4882, 0.2778, 0.3351



41.4882, 0.3018, 0.2913

Complementary

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



41.4882, 0.3590, 0.3608



38.5641, 0.2723, 0.2949

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.



41.4882, 0.2806, 0.2883



41.4882, 0.3590, 0.3608



41.4882, 0.2672, 0.3125

Square

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



41.4882, 0.3590, 0.3608



41.4882, 0.2977, 0.3569



41.4882, 0.2682, 0.2956



41.4882, 0.3268, 0.3033

Rectangle

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



41.4882, 0.3590, 0.3608



41.4882, 0.3302, 0.3723



41.4882, 0.2682, 0.2956



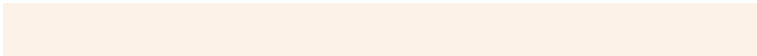
41.4882, 0.2941, 0.2892

Sweetspot

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



41.4901, 0.3590, 0.3608



90.0979, 0.3256, 0.3386



34.3426, 0.3385, 0.2941



19.4268, 0.3282, 0.3404



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.



41.4901, 0.3590, 0.3608



70.8216, 0.3715, 0.3682



51.3178, 0.3516, 0.3906



10.8583, 0.3277, 0.3401



12.8723, 0.5449, 0.4056



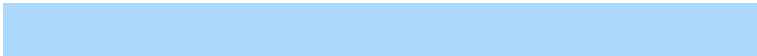
0.6941, 0.5097, 0.4335

Inverse Universe

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



38.5641, 0.2723, 0.2949



64.6057, 0.2631, 0.2861



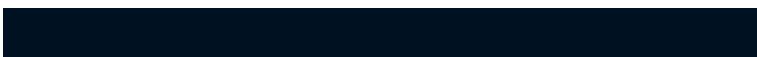
30.2810, 0.2690, 0.2589



10.5944, 0.2984, 0.3177



8.8212, 0.1795, 0.1661



0.5186, 0.1904, 0.2055

Previews

White Background



This preview shows how the Yxy color 41.4882, 0.3590, 0.3608 looks on a white background.

Color Contrast Check

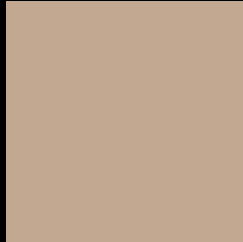
Large Text (above 18pt) WCAG AA × Fail

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 41.4882, 0.3590, 0.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

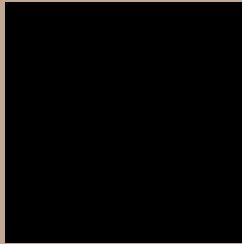
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4882, 0.3590, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 41.4882, 0.3590, 0.3608.



This preview shows how white text looks on a background with the Yxy color 41.4882, 0.3590, 0.3608.

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

41.4882, 0.3590, 0.3608

Protanopia

41.5255, 0.3444, 0.3646

Deuteranopia

41.4282, 0.3646, 0.3577



Tritanopia

41.3347, 0.3343, 0.3125

Trichromacy



Original Color

41.4882, 0.3590, 0.3608

Protanomaly

41.6093, 0.3494, 0.3642

Deuteranomaly

41.5214, 0.3623, 0.3592

Tritanomaly

41.4609, 0.3441, 0.3304

Monochromacy



Original Color

41.4882, 0.3590, 0.3608

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.5582, 0.3296, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4882, 0.3590, 0.3608 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, 168, 144)` looks like.

```
.text, #text, p{  
    color:rgb(194, 168, 144)  
}
```

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, 168, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 168, 144) }
```

Border

The CSS property to change the border of an element to Yxy 41.4882, 0.3590, 0.3608 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, 168, 144) }
```

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

```
.border{ border-color:rgb(194, 168, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 168, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 168, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 168, 144);  
box-shadow:4px 4px 4px 4px rgb(194, 168,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4882, 0.3590, 0.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 168, 144) }
```

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

```
.background{ background-color: rgb(194,  
168, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor