

Converting Colors

$Yxy(46.5936, 0.3331, 0.3591)$

Have a look what the booklet for
Yxy(46.5936, 0.3331, 0.3591)
contains.

Yxy(46.7193, 0.3330, 0.3594)	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(46.7193, 0.3330, 0.3594)

Conversions

Conversions Part 1

Format	Color
Hex	B9B7A0
RGB	185, 183, 160
RGB Percent	73%, 72%, 63%
CMY	0.2745, 0.2823, 0.3726
CMYK	0.00, 0.01, 0.14, 0.27
HSL	55°, 15%, 68%
HSV	55°, 14%, 73%
XYZ	43.2875, 46.7193, 39.9857
YIQ	180.9760, 8.5750, -6.7290

Conversions

Conversions Part 2

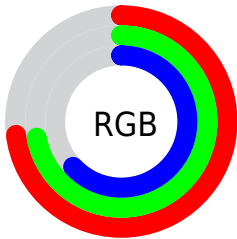
Format	Color
RYB	162, 185, 160
Decimal	12171168
CIELab	74.01, -3.28, 11.97
CIELCh	74, 12.409, 105.342
Yxy	46.7193, 0.3330, 0.3594
Android (android.graphics.Color)	4290361248 (0xFFB9B7A0)
YUV	180.9760, -10.3412, 3.5290
Hunter-Lab	68.3515, -6.5698, 13.1614

Details

The Yxy color **46.7193, 0.3330, 0.3594** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **36.8147, 0.2915, 0.2967**, and the grayscale version is **46.2496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3401, 0.3290, 0.3536**, and **21.9749, 0.3383, 0.3670** is the 20% darker color. If you saturate the color by 10%, you get **45.5108, 0.3487, 0.3825**, and if you desaturate by 10%, it is **48.0348, 0.3179, 0.3368**.

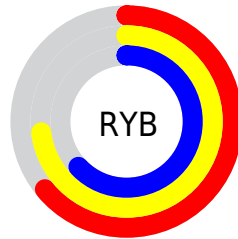
Distribution



Red (73%)

Green (72%)

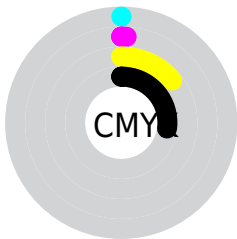
Blue (63%)



Red (64%)

Yellow (73%)

Blue (63%)

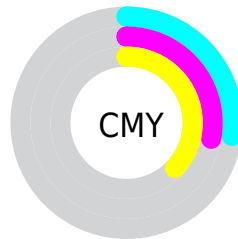


Cyan (0%)

Magenta (1%)

Yellow (14%)

Black (27%)



Cyan (27%)


Magenta (28%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7193, 0.3330, 0.3594 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 46.7193, 0.3330, 0.3594 by changing the saturation by 10% instead.


 46.7193, 0.3330,
0.3594


 46.7193, 0.3330,
0.3594


373.6930, 0.3229,
0.3441

 32.8138, 0.3355,
0.3633


 85.2945, 0.3294,
0.3538

 21.9838, 0.3387,
0.3682


 110.7329, 0.3280,
0.3517

 13.8450, 0.3429,
0.3748


140.7845, 0.3268,
0.3500

 8.0130, 0.3487,
0.3841

175.8336, 0.3258,
0.3485

 4.1032, 0.3572,
0.3981

216.2646, 0.3249,
0.3471

 1.7315, 0.3710,
0.4216

262.4619, 0.3242,

 0.4439, 0.4350,

0.3460

0.5650

314.8099, 0.3235,
0.3450

0.0000, 0.0000,
0.0000

46.7193, 0.3330,
0.3594

46.7193, 0.3330,
0.3594

45.5108, 0.3487,
0.3825

48.0348, 0.3179,
0.3368

44.3987, 0.3645,
0.4054

49.4551, 0.3036,
0.3151

43.3808, 0.3799,
0.4274

50.9861, 0.2902,
0.2947

42.4518, 0.3944,
0.4474

52.6312, 0.2779,
0.2757

41.6064, 0.4072,
0.4645

54.3940, 0.2667,
0.2583

■ 40.8386, 0.4179,
0.4779

■ 55.2043, 0.2654,
0.2575

■ 40.1411, 0.4261,
0.4871

■ 55.8607, 0.2656,
0.2593

■ 39.5057, 0.4316,
0.4919

■ 56.5238, 0.2658,
0.2610

■ 39.1166, 0.4341,
0.4935

■ 57.1935, 0.2659,
0.2627

Harmonies

Analogous

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



46.7193, 0.3442, 0.3535



46.7193, 0.3330, 0.3594



46.7193, 0.3165, 0.3568

Triad

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



46.7193, 0.3330, 0.3594



46.7193, 0.2798, 0.3151



46.7193, 0.3257, 0.3127

Complementary

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



46.7193, 0.3330, 0.3594



36.8147, 0.2915, 0.2967

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.



46.7193, 0.3082, 0.3031



46.7193, 0.3330, 0.3594



46.7193, 0.2820, 0.3040

Square

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



46.7193, 0.3330, 0.3594



46.7193, 0.2861, 0.3306



46.7193, 0.2923, 0.2998



46.7193, 0.3400, 0.3265

Rectangle

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



46.7193, 0.3330, 0.3594



46.7193, 0.3049, 0.3505



46.7193, 0.2923, 0.2998



46.7193, 0.3200, 0.3089

Sweetspot

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



46.7214, 0.3330, 0.3594



85.8837, 0.3187, 0.3380



38.0631, 0.3352, 0.3262



18.4755, 0.3198, 0.3396



93.3107, 0.3127, 0.3290



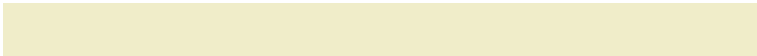
18.7317, 0.3127, 0.3290

Same Dimension

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



46.7214, 0.3330, 0.3594



83.0523, 0.3372, 0.3657



46.3077, 0.3235, 0.3629



10.3764, 0.3266, 0.3498



26.6802, 0.4339, 0.4937



0.9773, 0.4298, 0.4970

Inverse Universe

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



36.8147, 0.2915, 0.2967



62.1308, 0.2868, 0.2895



37.2315, 0.3008, 0.2947



8.8325, 0.2984, 0.3073



2.6605, 0.1517, 0.0662



0.1330, 0.1583, 0.0897

Previews

White Background



This preview shows how the Yxy color 46.7193, 0.3330, 0.3594 looks on a white background.

Color Contrast Check

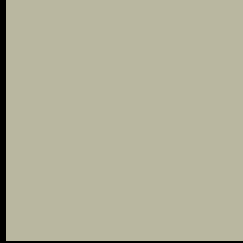
Large Text (above 18pt) WCAG AA × Fail

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 46.7193, 0.3330, 0.3594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

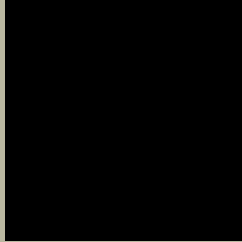
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

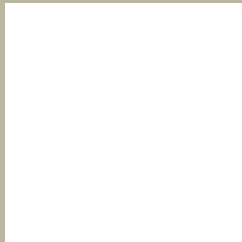
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.7193, 0.3330, 0.3594

Background



This preview shows how black text looks on a background with the Yxy color 46.7193, 0.3330, 0.3594.



This preview shows how white text looks on a background with the Yxy color 46.7193, 0.3330, 0.3594.

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

46.7193, 0.3330, 0.3594

Protanopia

46.4981, 0.3387, 0.3578

Deuteranopia

46.5340, 0.3531, 0.3453



Tritanopia

46.5937, 0.3118, 0.3113

Trichromacy



Original Color

46.7193, 0.3330, 0.3594

Protanomaly

46.6505, 0.3367, 0.3592

Deuteranomaly

46.5561, 0.3458, 0.3507

Tritanomaly

46.6292, 0.3196, 0.3290

Monochromacy



Original Color

46.7193, 0.3330, 0.3594

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.4181, 0.3199, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7193, 0.3330, 0.3594 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(185, 183, 160)` looks like.

```
.text, #text, p{  
    color:rgb(185, 183, 160)  
}
```

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(185, 183, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 183, 160) }
```

Border

The CSS property to change the border of an element to Yxy 46.7193, 0.3330, 0.3594 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(185, 183, 160) }
```

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

```
.border{ border-color:rgb(185, 183, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 183, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 183, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 183, 160);  
box-shadow:4px 4px 4px 4px rgb(185, 183,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7193, 0.3330, 0.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 183, 160) }
```

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

```
.background{ background-color: rgb(185,  
183, 160) }
```

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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