

Converting Colors

$Yxy(44.9260, 0.3842, 0.4111)$

Have a look what the booklet for
Yxy(44.9260, 0.3842, 0.4111)
contains.

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Color

Yxy(44.9260, 0.3842, 0.4111)

Conversions

Conversions Part 1

Format	Color
Hex	C5B272
RGB	197, 178, 114
RGB Percent	77%, 70%, 45%
CMY	0.2274, 0.3020, 0.5530
CMYK	0.00, 0.10, 0.42, 0.23
HSL	46°, 42%, 61%
HSV	46°, 42%, 77%
XYZ	41.9863, 44.9260, 22.3701
YIQ	176.3850, 31.8680, -15.8760

Conversions

Conversions Part 2

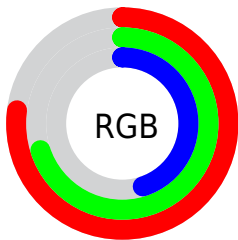
Format	Color
R_{YB}	139, 197, 114
Decimal	12956274
CIE _{Lab}	72.84, -2.15, 35.16
CIE _{LCh}	73, 35.230, 93.496
Yxy	44.9260, 0.3842, 0.4111
Android (android.graphics.Color)	4291146354 (0xFFC5B272)
YUV	176.3850, -30.7558, 18.0794
Hunter-Lab	67.0269, -5.4828, 27.1309

Details

The Yxy color **44.9260, 0.3842, 0.4111** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.3815, 0.2397, 0.2300**, and the grayscale version is **43.7799, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8957, 0.3715, 0.3966**, and **21.0541, 0.4022, 0.4327** is the 20% darker color. If you saturate the color by 10%, you get **42.7605, 0.4024, 0.4291**, and if you desaturate by 10%, it is **47.2514, 0.3660, 0.3917**.

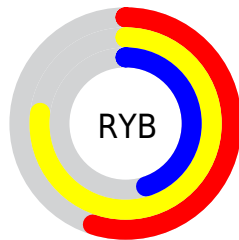
Distribution



Red (77%)

Green (70%)

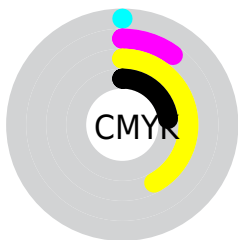
Blue (45%)



Red (55%)

Yellow (77%)

Blue (45%)

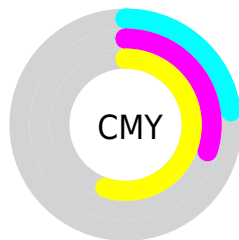


Cyan (0%)

Magenta (10%)

Yellow (42%)

Black (23%)



Cyan (23%)


Magenta (30%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9260, 0.3842, 0.4111 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 44.9260, 0.3842, 0.4111 by changing the saturation by 10% instead.


 44.9260, 0.3842,
0.4111

 44.9260, 0.3842,
0.4111


366.4738, 0.3491,
0.3704


 31.3991, 0.3925,
0.4208

 82.6094, 0.3718,
0.3965

 20.9030, 0.4027,
0.4330


 107.5346, 0.3670,
0.3910

 13.0531, 0.4154,
0.4484


 137.0282, 0.3629,
0.3863

 7.4651, 0.4313,
0.4680

 171.4744, 0.3594,
0.3822

 3.7546, 0.4588,
0.5018

211.2577, 0.3563,
0.3787

 1.5373, 0.4743,
0.5257

256.7624, 0.3536,

 0.3148, 0.4394,

0.3756

0.5606

308.3730, 0.3512,
0.3728

0.0000, 0.0000,
0.0000

44.9260, 0.3842,
0.4111

44.9260, 0.3842,
0.4111

42.7605, 0.4024,
0.4291

47.2514, 0.3660,
0.3917

40.7418, 0.4198,
0.4446

49.7366, 0.3483,
0.3718

38.8644, 0.4357,
0.4568

52.3896, 0.3315,
0.3521

37.1197, 0.4493,
0.4646

55.2158, 0.3159,
0.3330

35.4975, 0.4601,
0.4677

58.2204, 0.3016,
0.3149

■ 34.2957, 0.4668,
0.4675

■ 61.4082, 0.2886,
0.2980

■ 64.7837, 0.2768,
0.2823

■ 67.2365, 0.2754,
0.2842

■ 69.5538, 0.2758,
0.2893

Harmonies

Analogous

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



44.9260, 0.4097, 0.3820



44.9260, 0.3842, 0.4111



44.9260, 0.3405, 0.4188

Triad

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



44.9260, 0.3842, 0.4111



44.9260, 0.2263, 0.3024



44.9260, 0.3288, 0.2729

Complementary

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



44.9260, 0.3842, 0.4111



24.3815, 0.2397, 0.2300

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.



44.9260, 0.2795, 0.2534



44.9260, 0.3842, 0.4111



44.9260, 0.2237, 0.2669

Square

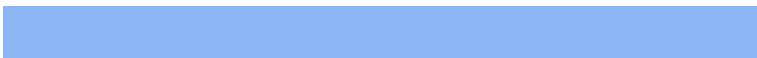
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.9260, 0.3842, 0.4111



44.9260, 0.2500, 0.3512



44.9260, 0.2422, 0.2506



44.9260, 0.3771, 0.3048

Rectangle

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



44.9260, 0.3842, 0.4111



44.9260, 0.3075, 0.4073



44.9260, 0.2422, 0.2506



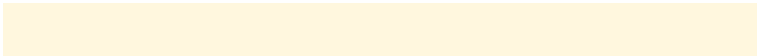
44.9260, 0.3117, 0.2648

Sweetspot

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



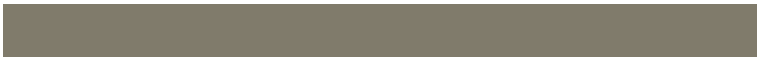
44.9281, 0.3842, 0.4111



93.2969, 0.3332, 0.3541



25.6051, 0.3945, 0.3033



19.7374, 0.3369, 0.3585



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.



44.9281, 0.3842, 0.4111



76.7056, 0.4017, 0.4285



50.2554, 0.3555, 0.4394



11.9891, 0.3271, 0.3467



22.6838, 0.4661, 0.4681



1.1778, 0.4544, 0.4774

Inverse Universe

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



24.3815, 0.2397, 0.2300



34.9311, 0.2214, 0.2026



21.3053, 0.2547, 0.2066



10.6751, 0.2983, 0.3107



3.9983, 0.1573, 0.0861



0.3030, 0.1686, 0.1269

Previews

White Background



This preview shows how the Yxy color 44.9260, 0.3842, 0.4111 looks on a white background.

Color Contrast Check

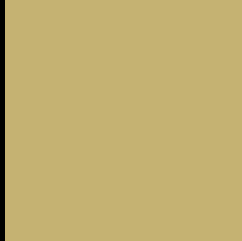
Large Text (above 18pt) WCAG AA × Fail

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 44.9260, 0.3842, 0.4111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

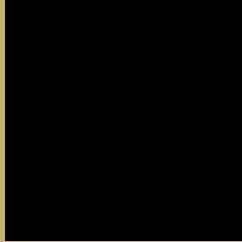
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9260, 0.3842, 0.4111

Background



This preview shows how black text looks on a background with the Yxy color 44.9260, 0.3842, 0.4111.



This preview shows how white text looks on a background with the Yxy color 44.9260, 0.3842, 0.4111.

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

44.9260, 0.3842, 0.4111

Protanopia

45.0572, 0.3817, 0.4128

Deuteranopia

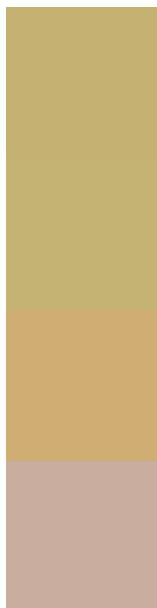
44.8338, 0.4036, 0.3956



Tritanopia

45.0057, 0.3326, 0.3130

Trichromacy



Original Color

44.9260, 0.3842, 0.4111

Protanomaly

45.1909, 0.3827, 0.4125

Deuteranomaly

44.9198, 0.3960, 0.4021

Tritanomaly

44.7733, 0.3515, 0.3482

Monochromacy



Original Color

44.9260, 0.3842, 0.4111

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.9345, 0.3391, 0.3613

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9260, 0.3842, 0.4111 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(197, 178, 114)` looks like.

```
.text, #text, p{  
    color:rgb(197, 178, 114)  
}
```

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(197, 178, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 178, 114) }
```

Border

The CSS property to change the border of an element to Yxy 44.9260, 0.3842, 0.4111 is called "border". The border property can be set on classes, ids or directly on the HTML element.

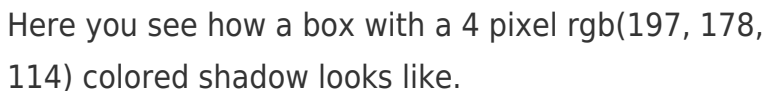
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 178, 114) }
```

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

```
.border{ border-color:rgb(197, 178, 114) }
```

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



Here you see how a box with a 4 pixel rgb(197, 178, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 178, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 178, 114);  
box-shadow:4px 4px 4px 4px rgb(197, 178,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9260, 0.3842, 0.4111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 178, 114) }
```

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

```
.background{ background-color: rgb(197,  
178, 114) }
```

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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