

Converting Colors

Yxy(44.9561, 0.3629, 0.4473)

Have a look what the booklet for
Yxy(44.9561, 0.3629, 0.4473)
contains.

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Color

Yxy(44.9152, 0.3632, 0.4471)

Conversions

Conversions Part 1

Format	Color
Hex	A9BB65
RGB	169, 187, 101
RGB Percent	66%, 73%, 40%
CMY	0.3371, 0.2667, 0.6039
CMYK	0.10, 0.00, 0.46, 0.27
HSL	73°, 39%, 56%
HSV	73°, 46%, 73%
XYZ	36.4867, 44.9152, 19.0571
YIQ	171.8140, 16.8780, -30.5620

Conversions

Conversions Part 2

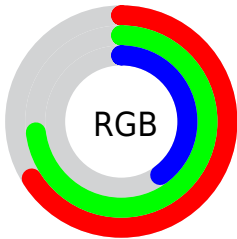
Format	Color
RYB	101, 187, 119
Decimal	11123557
CIELab	72.84, -19.53, 41.29
CIELCh	73, 45.676, 115.310
Yxy	44.9152, 0.3632, 0.4471
Android (android.graphics.Color)	4289313637 (0xFFA9BB65)
YUV	171.8140, -34.9113, -2.4679
Hunter-Lab	67.0188, -20.1031, 30.0538

Details

The Yxy color **44.9152, 0.3632, 0.4471** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **16.8136, 0.2435, 0.1929**, and the grayscale version is **41.3328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4418, 0.3549, 0.4245**, and **20.9340, 0.3727, 0.4818** is the 20% darker color. If you saturate the color by 10%, you get **44.1658, 0.3717, 0.4711**, and if you desaturate by 10%, it is **45.7650, 0.3532, 0.4214**.

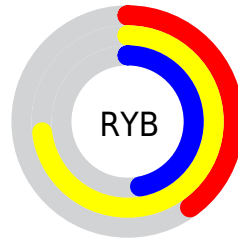
Distribution



Red (66%)

Green (73%)

Blue (40%)



Red (40%)

Yellow (73%)

Blue (47%)

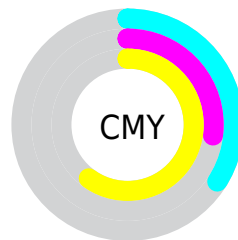


Cyan (10%)

Magenta (0%)

Yellow (46%)

Black (27%)



Cyan (34%)


Magenta (27%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9152, 0.3632, 0.4471 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 44.9152, 0.3632, 0.4471 by changing the saturation by 10% instead.


 44.9152, 0.3632,
0.4471


 44.9152, 0.3632,
0.4471


366.4300, 0.3401,
0.3865

 31.3906, 0.3679,
0.4623


 82.5931, 0.3555,
0.4249


 20.8965, 0.3731,
0.4815


 107.5153, 0.3524,
0.4166

 13.0484, 0.3785,
0.5065


 137.0055, 0.3497,
0.4096

 7.4619, 0.3828,
0.5394

 171.4480, 0.3473,
0.4036

 3.7526, 0.3958,
0.6042

211.2274, 0.3452,
0.3985

 1.5361, 0.3627,
0.6373

256.7279, 0.3433,

 0.3140, 0.0000,

0.3940

1.0000

308.3340, 0.3416,
0.3900

0.0000, 0.0000,
0.0000

44.9152, 0.3632,
0.4471

44.9152, 0.3632,
0.4471

44.1658, 0.3717,
0.4711

45.7650, 0.3532,
0.4214

43.5047, 0.3783,
0.4924

46.7143, 0.3423,
0.3950

42.9276, 0.3825,
0.5099


47.7702, 0.3309,
0.3688


42.4268, 0.3842,
0.5229


48.9370, 0.3195,
0.3435

41.9926, 0.3834,
0.5315

50.2191, 0.3083,
0.3196

 41.8292, 0.3828,
0.5343

 51.6205, 0.2976,
0.2973

 53.1450, 0.2875,
0.2769

 54.7962, 0.2781,
0.2582

 55.6224, 0.2781,
0.2545

Harmonies

Analogous

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



44.9152, 0.4153, 0.4244



44.9152, 0.3632, 0.4471



44.9152, 0.3005, 0.4309

Triad

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



44.9152, 0.3632, 0.4471



44.9152, 0.1988, 0.2583



44.9152, 0.3802, 0.2856

Complementary

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



44.9152, 0.3632, 0.4471



16.8136, 0.2435, 0.1929

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.



44.9152, 0.3145, 0.2499



44.9152, 0.3632, 0.4471



44.9152, 0.2146, 0.2326

Square

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



44.9152, 0.3632, 0.4471



44.9152, 0.2086, 0.3091



44.9152, 0.2547, 0.2309



44.9152, 0.4286, 0.3316

Rectangle

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



44.9152, 0.3632, 0.4471



44.9152, 0.2613, 0.3971



44.9152, 0.2547, 0.2309



44.9152, 0.3590, 0.2722

Sweetspot

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



44.9172, 0.3632, 0.4471



85.9143, 0.3289, 0.3642



24.5071, 0.4231, 0.3534



18.8241, 0.3314, 0.3698



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.



44.9172, 0.3632, 0.4471



79.1173, 0.3717, 0.4709



40.9749, 0.3258, 0.4629



11.0172, 0.3233, 0.3519



28.8538, 0.3833, 0.5339



1.1560, 0.3924, 0.5266

Inverse Universe

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



16.8136, 0.2435, 0.1929



22.6707, 0.2251, 0.1603



20.4920, 0.2884, 0.2084



9.3188, 0.3015, 0.3055



2.7957, 0.1614, 0.0663



0.1381, 0.1852, 0.0794

Previews

White Background



This preview shows how the Yxy color 44.9152, 0.3632, 0.4471 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 44.9152, 0.3632, 0.4471 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 44.9152, 0.3632, 0.4471

Background



This preview shows how black text looks on a background with the Yxy color 44.9152, 0.3632, 0.4471.



This preview shows how white text looks on a background with the Yxy color 44.9152, 0.3632, 0.4471.

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

44.9152, 0.3632, 0.4471

Protanopia

44.8578, 0.3951, 0.4313

Deuteranopia

44.5211, 0.4154, 0.4061



Tritanopia

44.9092, 0.3041, 0.3108

Trichromacy



Original Color

44.9152, 0.3632, 0.4471

Protanomaly

44.7959, 0.3831, 0.4374

Deuteranomaly

44.3295, 0.3962, 0.4197

Tritanomaly

44.7465, 0.3269, 0.3603

Monochromacy



Original Color

44.9152, 0.3632, 0.4471

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.1775, 0.3330, 0.3725

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9152, 0.3632, 0.4471 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(169, 187, 101)` looks like.

```
.text, #text, p{  
    color:rgb(169, 187, 101)  
}
```

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(169, 187, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 187, 101) }
```

Border

The CSS property to change the border of an element to Yxy 44.9152, 0.3632, 0.4471 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(169, 187, 101) }
```

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

```
.border{ border-color:rgb(169, 187, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 187, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 187, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 187, 101);  
box-shadow:4px 4px 4px 4px rgb(169, 187,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9152, 0.3632, 0.4471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 187, 101) }
```

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

```
.background{ background-color: rgb(169,  
187, 101) }
```

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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