

Converting Colors

$Yxy(44.5007, 0.3418, 0.4373)$

Have a look what the booklet for
Yxy(44.5007, 0.3418, 0.4373)
contains.

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Color

Yxy(44.6554, 0.3422, 0.4380)

Conversions

Conversions Part 1

Format	Color
Hex	9CBD71
RGB	156, 189, 113
RGB Percent	61%, 74%, 44%
CMY	0.3883, 0.2588, 0.5568
CMYK	0.17, 0.00, 0.40, 0.26
HSL	86°, 37%, 59%
HSV	86°, 40%, 74%
XYZ	34.8883, 44.6554, 22.4093
YIQ	170.4690, 4.7280, -30.6320

Conversions

Conversions Part 2

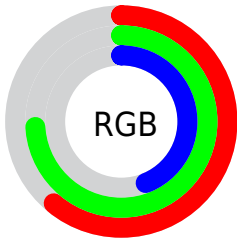
Format	Color
R _{YB}	113, 189, 146
Decimal	10272113
CIE Lab	72.66, -24.17, 34.79
CIE LCh	73, 42.362, 124.795
Yxy	44.6554, 0.3422, 0.4380
Android (android.graphics.Color)	4288462193 (0xFF9CBD71)
YUV	170.4690, -28.3322, -12.6893
Hunter-Lab	66.8247, -23.7507, 26.8947

Details

The Yxy color **44.6554, 0.3422, 0.4380** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **21.6038, 0.2710, 0.2172**, and the grayscale version is **40.5885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0550, 0.3383, 0.4162**, and **20.8508, 0.3471, 0.4732** is the 20% darker color. If you saturate the color by 10%, you get **43.4832, 0.3477, 0.4666**, and if you desaturate by 10%, it is **45.9755, 0.3356, 0.4091**.

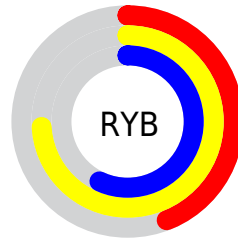
Distribution



Red (61%)

Green (74%)

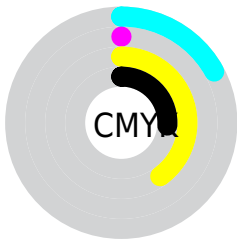
Blue (44%)



Red (44%)

Yellow (74%)

Blue (57%)

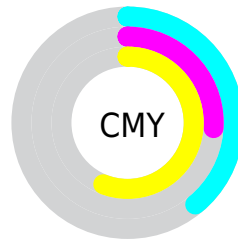


Cyan (17%)

Magenta (0%)

Yellow (40%)

Black (26%)



Cyan (39%)

Magenta (26%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6554, 0.3422, 0.4380 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 44.6554, 0.3422, 0.4380 by changing the saturation by 10% instead.

 44.6554, 0.3422,
0.4380

 44.6554, 0.3422,
0.4380


365.3761, 0.3292,
0.3811

 31.1861, 0.3447,
0.4527


 82.2031, 0.3380,
0.4169


 20.7406, 0.3473,
0.4718


 107.0502, 0.3363,
0.4091

 12.9345, 0.3497,
0.4974


 136.4587, 0.3347,
0.4025

 7.3835, 0.3508,
0.5328

 170.8130, 0.3334,
0.3970

 3.7031, 0.3546,
0.5970

210.4976, 0.3321,
0.3922

 1.5089, 0.3298,
0.6702

255.8966, 0.3311,

 0.2950, 0.0000,

0.3880

1.0000

307.3947, 0.3301,
0.3844

0.0000, 0.0000,
0.0000

44.6554, 0.3422,
0.4380

44.6554, 0.3422,
0.4380

43.4832, 0.3477,
0.4666

45.9755, 0.3356,
0.4091

42.4465, 0.3515,
0.4938

47.4439, 0.3282,
0.3810

41.5399, 0.3534,
0.5181


49.0681, 0.3206,
0.3543

40.7553, 0.3530,
0.5382

50.8536, 0.3129,
0.3295

40.0831, 0.3502,
0.5532


52.8055, 0.3053,
0.3067

 39.5162, 0.3458,
0.5636

 54.9285, 0.2981,
0.2861

 57.2273, 0.2912,
0.2675

 59.0977, 0.2908,
0.2593

 60.4238, 0.2969,
0.2605

Harmonies

Analogous

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



44.6554, 0.3955, 0.4278



44.6554, 0.3422, 0.4380



44.6554, 0.2838, 0.4100

Triad

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



44.6554, 0.3422, 0.4380



44.6554, 0.2080, 0.2530



44.6554, 0.3924, 0.3015

Complementary

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



44.6554, 0.3422, 0.4380



21.6038, 0.2710, 0.2172

Split Complementary

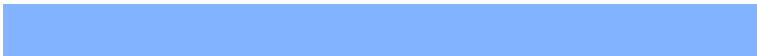
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



44.6554, 0.3343, 0.2640



44.6554, 0.3422, 0.4380



44.6554, 0.2305, 0.2359

Square

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



44.6554, 0.3422, 0.4380



44.6554, 0.2096, 0.2937



44.6554, 0.2749, 0.2406



44.6554, 0.4280, 0.3467

Rectangle

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



44.6554, 0.3422, 0.4380



44.6554, 0.2499, 0.3734



44.6554, 0.2749, 0.2406



44.6554, 0.3745, 0.2878

Sweetspot

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



44.6574, 0.3422, 0.4380



87.2739, 0.3221, 0.3595



32.5541, 0.3940, 0.3746



18.6846, 0.3231, 0.3629



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.



44.6574, 0.3422, 0.4380



78.1598, 0.3470, 0.4626



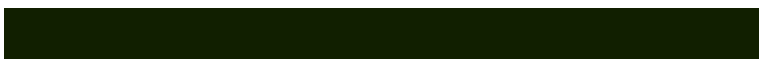
41.4479, 0.3108, 0.4494



10.9086, 0.3199, 0.3521



26.6320, 0.3467, 0.5629



1.0812, 0.3639, 0.5493

Inverse Universe

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



21.6038, 0.2710, 0.2172



31.3420, 0.2594, 0.1912



25.6725, 0.3117, 0.2297



9.4226, 0.3050, 0.3058



3.7260, 0.1914, 0.0828



0.1847, 0.2194, 0.0982

Previews

White Background



This preview shows how the Yxy color 44.6554, 0.3422, 0.4380 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 44.6554, 0.3422, 0.4380 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 44.6554, 0.3422, 0.4380

Background



This preview shows how black text looks on a background with the Yxy color 44.6554, 0.3422, 0.4380.



This preview shows how white text looks on a background with the Yxy color 44.6554, 0.3422, 0.4380.

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

44.6554, 0.3422, 0.4380

Protanopia

44.4143, 0.3853, 0.4181

Deuteranopia

44.1799, 0.4013, 0.3938



Tritanopia

44.3507, 0.2912, 0.3090

Trichromacy



Original Color

44.6554, 0.3422, 0.4380

Protanomaly

44.2850, 0.3691, 0.4261

Deuteranomaly

43.9117, 0.3782, 0.4089

Tritanomaly

44.3701, 0.3099, 0.3541

Monochromacy



Original Color

44.6554, 0.3422, 0.4380

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.6135, 0.3250, 0.3689

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6554, 0.3422, 0.4380 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(156, 189, 113)` looks like.

```
.text, #text, p{  
    color:rgb(156, 189, 113)  
}
```

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(156, 189, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 189, 113) }
```

Border

The CSS property to change the border of an element to Yxy 44.6554, 0.3422, 0.4380 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(156, 189, 113) }
```

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

```
.border{ border-color:rgb(156, 189, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 189, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 189, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 189, 113);  
box-shadow:4px 4px 4px 4px rgb(156, 189,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6554, 0.3422, 0.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 189, 113) }
```

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

```
.background{ background-color: rgb(156,  
189, 113) }
```

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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