

Converting Colors

$Yxy(44.1195, 0.3543, 0.4448)$

Have a look what the booklet for
Yxy(44.1195, 0.3543, 0.4448)
contains.

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Color

Yxy(44.2420, 0.3539, 0.4446)

Conversions

Conversions Part 1

Format	Color
Hex	A2BB69
RGB	162, 187, 105
RGB Percent	64%, 73%, 41%
CMY	0.3648, 0.2666, 0.5882
CMYK	0.13, 0.00, 0.44, 0.27
HSL	78°, 38%, 57%
HSV	78°, 44%, 73%
XYZ	35.2165, 44.2420, 20.0512
YIQ	170.1770, 11.4220, -30.8020

Conversions

Conversions Part 2

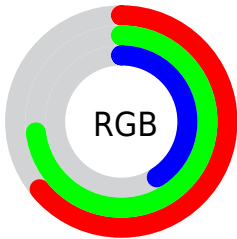
Format	Color
RYB	105, 187, 130
Decimal	10664809
CIELab	72.39, -21.87, 38.61
CIElCh	72, 44.375, 119.530
Yxy	44.2420, 0.3539, 0.4446
Android (android.graphics.Color)	4288854889 (0xFFA2BB69)
YUV	170.1770, -32.1323, -7.1712
Hunter-Lab	66.5147, -21.8931, 28.6870

Details

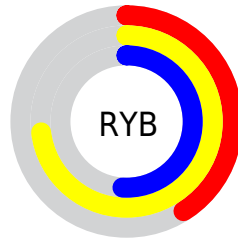
The Yxy color **44.2420, 0.3539, 0.4446** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **18.4445, 0.2553, 0.2026**, and the grayscale version is **40.4496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4752, 0.3476, 0.4218**, and **20.5772, 0.3621, 0.4800** is the 20% darker color. If you saturate the color by 10%, you get **43.3162, 0.3611, 0.4707**, and if you desaturate by 10%, it is **45.2834, 0.3454, 0.4174**.

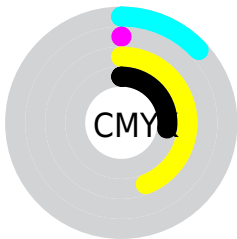
Distribution



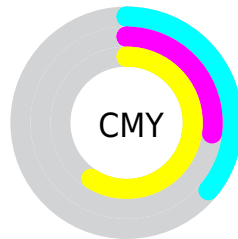
- Red (64%)
- Green (73%)
- Blue (41%)



- Red (41%)
- Yellow (73%)
- Blue (51%)



- Cyan (13%)
- Magenta (0%)
- Yellow (44%)
- Black (27%)



- Cyan (36%)
- Magenta (27%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2420, 0.3539, 0.4446 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 44.2420, 0.3539, 0.4446 by changing the saturation by 10% instead.

■ 44.2420, 0.3539,
0.4446

■ 44.2420, 0.3539,
0.4446

■ 363.6949, 0.3353,
0.3847

■ 30.8608, 0.3576,
0.4599

■ 81.5818, 0.3478,
0.4225

■ 20.4929, 0.3617,
0.4795

■ 106.3091, 0.3453,
0.4143

■ 12.7538, 0.3657,
0.5054

■ 135.5873, 0.3431,
0.4074

■ 7.2592, 0.3684,
0.5404

■ 169.8008, 0.3411,
0.4015

■ 3.6248, 0.3832,
0.6168

■ 209.3339, 0.3394,
0.3964

■ 1.4660, 0.3443,
0.6557

■ 254.5710, 0.3379,

■ 0.2646, 0.0000,

0.3920

1.0000

305.8965, 0.3365,
0.3881

0.0000, 0.0000,
0.0000

44.2420, 0.3539,
0.4446

44.2420, 0.3539,
0.4446

43.3162, 0.3611,
0.4707

45.2834, 0.3454,
0.4174

42.4943, 0.3664,
0.4945

46.4400, 0.3360,
0.3901

41.7714, 0.3695,
0.5149

47.7189, 0.3263,
0.3635


41.1401, 0.3701,
0.5309

49.1246, 0.3164,
0.3383


40.5912, 0.3683,
0.5421


50.6617, 0.3068,
0.3147

 40.2834, 0.3663,
0.5473

 52.3343, 0.2976,
0.2931

 54.1463, 0.2889,
0.2733

 56.1017, 0.2808,
0.2554

 56.9670, 0.2847,
0.2559

Harmonies

Analogous

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



44.2420, 0.4072, 0.4272



44.2420, 0.3539, 0.4446



44.2420, 0.2924, 0.4226

Triad

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



44.2420, 0.3539, 0.4446



44.2420, 0.2018, 0.2549



44.2420, 0.3868, 0.2924

Complementary

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



44.2420, 0.3539, 0.4446



18.4445, 0.2553, 0.2026

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.



44.2420, 0.3237, 0.2556



44.2420, 0.3539, 0.4446



44.2420, 0.2208, 0.2330

Square

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



44.2420, 0.3539, 0.4446



44.2420, 0.2079, 0.3014



44.2420, 0.2633, 0.2343



44.2420, 0.4299, 0.3385

Rectangle

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



44.2420, 0.3539, 0.4446



44.2420, 0.2553, 0.3869



44.2420, 0.2633, 0.2343



44.2420, 0.3669, 0.2788

Sweetspot

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



44.2440, 0.3539, 0.4446



85.6061, 0.3256, 0.3619



27.4490, 0.4105, 0.3638



18.7349, 0.3278, 0.3676



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.



44.2440, 0.3539, 0.4446



77.5671, 0.3611, 0.4707



40.6606, 0.3188, 0.4586



10.9704, 0.3218, 0.3520



27.7912, 0.3670, 0.5468



1.1214, 0.3800, 0.5365

Inverse Universe

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



18.4445, 0.2553, 0.2026



25.2071, 0.2385, 0.1707



22.3087, 0.2991, 0.2171



9.3629, 0.3030, 0.3056



3.1073, 0.1719, 0.0721



0.1571, 0.1999, 0.0875

Previews

White Background



This preview shows how the Yxy color 44.2420, 0.3539, 0.4446 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 44.2420, 0.3539, 0.4446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

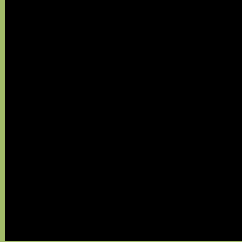
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2420, 0.3539, 0.4446

Background



This preview shows how black text looks on a background with the Yxy color 44.2420, 0.3539, 0.4446.



This preview shows how white text looks on a background with the Yxy color 44.2420, 0.3539, 0.4446.

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

44.2420, 0.3539, 0.4446

Protanopia

43.8532, 0.3921, 0.4265

Deuteranopia

43.7762, 0.4098, 0.4015



Tritanopia

44.0901, 0.2983, 0.3105

Trichromacy



Original Color

44.2420, 0.3539, 0.4446

Protanomaly

43.9521, 0.3776, 0.4343

Deuteranomaly

43.7355, 0.3881, 0.4167

Tritanomaly

44.0208, 0.3191, 0.3581

Monochromacy



Original Color

44.2420, 0.3539, 0.4446

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.3415, 0.3295, 0.3717

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2420, 0.3539, 0.4446 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(162, 187, 105)` looks like.

```
.text, #text, p{  
    color:rgb(162, 187, 105)  
}
```

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(162, 187, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 187, 105) }
```

Border

The CSS property to change the border of an element to Yxy 44.2420, 0.3539, 0.4446 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(162, 187, 105) }
```

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

```
.border{ border-color:rgb(162, 187, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 187, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 187, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 187, 105);  
box-shadow:4px 4px 4px 4px rgb(162, 187,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2420, 0.3539, 0.4446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 187, 105) }
```

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

```
.background{ background-color: rgb(162,  
187, 105) }
```

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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