

Converting Colors

$Yxy(43.5564, 0.3559, 0.4259)$

Have a look what the booklet for
Yxy(43.5564, 0.3559, 0.4259)
contains.

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Color

Yxy(43.5169, 0.3553, 0.4256)

Conversions

Conversions Part 1

Format	Color
Hex	A9B772
RGB	169, 183, 114
RGB Percent	66%, 72%, 45%
CMY	0.3373, 0.2823, 0.5530
CMYK	0.08, 0.00, 0.38, 0.28
HSL	72°, 32%, 58%
HSV	72°, 38%, 72%
XYZ	36.3288, 43.5169, 22.4026
YIQ	170.9480, 13.8050, -24.4270

Conversions

Conversions Part 2

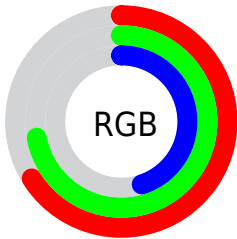
Format	Color
RYB	114, 183, 128
Decimal	11122546
CIELab	71.90, -16.04, 33.49
CIElCh	72, 37.130, 115.588
Yxy	43.5169, 0.3553, 0.4256
Android (android.graphics.Color)	4289312626 (0xFFA9B772)
YUV	170.9480, -28.0754, -1.7084
Hunter-Lab	65.9673, -17.1412, 26.0422

Details

The Yxy color **43.5169, 0.3553, 0.4256** is a light color, and the websafe version is hex **999966**. A complement of this color would be **20.0447, 0.2581, 0.2204**, and the grayscale version is **40.8346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5306, 0.3481, 0.4069**, and **20.0599, 0.3650, 0.4536** is the 20% darker color. If you saturate the color by 10%, you get **42.7372, 0.3652, 0.4510**, and if you desaturate by 10%, it is **44.3956, 0.3444, 0.3993**.

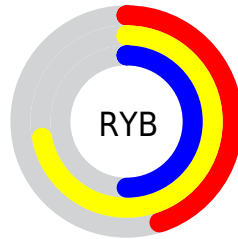
Distribution



Red (66%)

Green (72%)

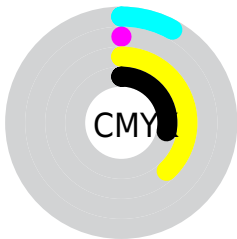
Blue (45%)



Red (45%)

Yellow (72%)

Blue (50%)

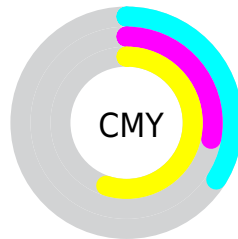


Cyan (8%)

Magenta (0%)

Yellow (38%)

Black (28%)



Cyan (34%)


Magenta (28%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5169, 0.3553, 0.4256 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 43.5169, 0.3553, 0.4256 by changing the saturation by 10% instead.


 43.5169, 0.3553,
0.4256


 43.5169, 0.3553,
0.4256


360.7332, 0.3351,
0.3757


 30.2909, 0.3597,
0.4383


 80.4903, 0.3484,
0.4072


 20.0595, 0.3650,
0.4548


 105.0065, 0.3456,
0.4004

 12.4383, 0.3711,
0.4766


 134.0549, 0.3433,
0.3946

 7.0429, 0.3777,
0.5064

 168.0198, 0.3412,
0.3897

 3.4890, 0.3910,
0.5609

207.2857, 0.3394,
0.3855

 1.3920, 0.3822,
0.6178

252.2370, 0.3378,

 0.2108, 0.0000,

0.3818

1.0000

303.2580, 0.3364,
0.3785

0.0000, 0.0000,
0.0000

43.5169, 0.3553,
0.4256

43.5169, 0.3553,
0.4256

42.7372, 0.3652,
0.4510

44.3956, 0.3444,
0.3993

42.0456, 0.3735,
0.4745

45.3721, 0.3330,
0.3732

41.4383, 0.3798,
0.4951


46.4527, 0.3215,
0.3477


40.9091, 0.3837,
0.5117


47.6416, 0.3102,
0.3236


40.4504, 0.3851,
0.5239


48.9424, 0.2993,
0.3011

 40.0512, 0.3841,
0.5319

 50.3590, 0.2890,
0.2803

 39.9637, 0.3838,
0.5335

 51.8946, 0.2795,
0.2613

 53.1996, 0.2739,
0.2492

 53.7142, 0.2766,
0.2498

Harmonies

Analogous

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



43.5169, 0.3981, 0.4095



43.5169, 0.3553, 0.4256



43.5169, 0.3032, 0.4108

Triad

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



43.5169, 0.3553, 0.4256



43.5169, 0.2170, 0.2708



43.5169, 0.3688, 0.2934

Complementary

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



43.5169, 0.3553, 0.4256



20.0447, 0.2581, 0.2204

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.



43.5169, 0.3153, 0.2627



43.5169, 0.3553, 0.4256



43.5169, 0.2307, 0.2483

Square

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



43.5169, 0.3553, 0.4256



43.5169, 0.2256, 0.3132



43.5169, 0.2652, 0.2464



43.5169, 0.4079, 0.3329

Rectangle

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



43.5169, 0.3553, 0.4256



43.5169, 0.2704, 0.3837



43.5169, 0.2652, 0.2464



43.5169, 0.3516, 0.2818

Sweetspot

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



43.5188, 0.3553, 0.4256



82.4915, 0.3255, 0.3564



26.6694, 0.3961, 0.3491



18.1617, 0.3270, 0.3599



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.



43.5188, 0.3553, 0.4256



76.7936, 0.3633, 0.4461



40.2126, 0.3244, 0.4360



10.4087, 0.3233, 0.3518



27.9051, 0.3842, 0.5331



1.0074, 0.3938, 0.5255

Inverse Universe

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



20.0447, 0.2581, 0.2204



28.8922, 0.2436, 0.1938



23.1666, 0.2941, 0.2307



8.8051, 0.3015, 0.3056



2.6863, 0.1610, 0.0661



0.1209, 0.1862, 0.0799

Previews

White Background



This preview shows how the Yxy color 43.5169, 0.3553, 0.4256 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 43.5169, 0.3553, 0.4256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

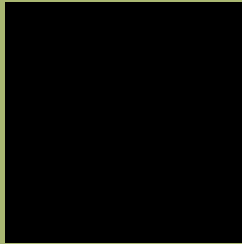
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5169, 0.3553, 0.4256

Background



This preview shows how black text looks on a background with the Yxy color 43.5169, 0.3553, 0.4256.



This preview shows how white text looks on a background with the Yxy color 43.5169, 0.3553, 0.4256.

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

43.5169, 0.3553, 0.4256

Protanopia

43.4048, 0.3828, 0.4140

Deuteranopia

43.1385, 0.4005, 0.3920



Tritanopia

43.3679, 0.3049, 0.3106

Trichromacy



Original Color

43.5169, 0.3553, 0.4256

Protanomaly

43.6004, 0.3728, 0.4188

Deuteranomaly

42.8839, 0.3841, 0.4031

Tritanomaly

43.1315, 0.3241, 0.3509

Monochromacy



Original Color

43.5169, 0.3553, 0.4256

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.4080, 0.3291, 0.3642

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5169, 0.3553, 0.4256 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, 183, 114)` looks like.

```
.text, #text, p{  
    color:rgb(169, 183, 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(169, 183, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 183, 114) }
```

Border

The CSS property to change the border of an element to Yxy 43.5169, 0.3553, 0.4256 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, 183, 114) }
```

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

```
.border{ border-color:rgb(169, 183, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 183, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 183, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 183, 114);  
box-shadow:4px 4px 4px 4px rgb(169, 183,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5169, 0.3553, 0.4256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 183, 114) }
```

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

```
.background{ background-color: rgb(169,  
183, 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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