

Converting Colors

$Yxy(43.1055, 0.3530, 0.4516)$

Have a look what the booklet for
Yxy(43.1055, 0.3530, 0.4516)
contains.

Yxy(43.2060, 0.3532, 0.4520)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.2060, 0.3532, 0.4520)

Conversions

Conversions Part 1

Format	Color
Hex	9DBA64
RGB	157, 186, 100
RGB Percent	62%, 73%, 39%
CMY	0.3844, 0.2706, 0.6078
CMYK	0.16, 0.00, 0.46, 0.27
HSL	80°, 38%, 56%
HSV	80°, 46%, 73%
XYZ	33.7619, 43.2060, 18.6206
YIQ	167.5250, 10.3220, -32.8940

Conversions

Conversions Part 2

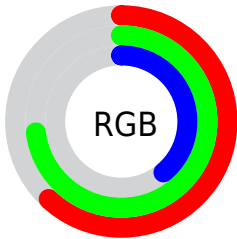
Format	Color
RYB	100, 186, 129
Decimal	10336868
CIELab	71.69, -23.89, 40.18
CIELCh	72, 46.749, 120.730
Yxy	43.2060, 0.3532, 0.4520
Android (android.graphics.Color)	4288526948 (0xFF9DBA64)
YUV	167.5250, -33.2898, -9.2304
Hunter-Lab	65.7313, -23.3459, 29.2160

Details

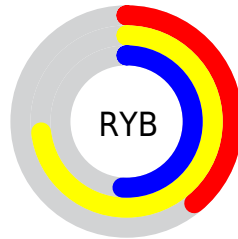
The Yxy color **43.2060, 0.3532, 0.4520** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **17.3337, 0.2542, 0.1960**, and the grayscale version is **39.0754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9174, 0.3478, 0.4285**, and **19.9484, 0.3604, 0.4899** is the 20% darker color. If you saturate the color by 10%, you get **42.2725, 0.3594, 0.4782**, and if you desaturate by 10%, it is **44.2580, 0.3455, 0.4245**.

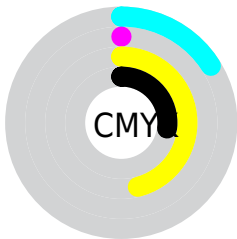
Distribution



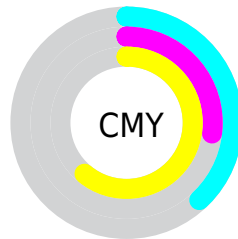
- Red (62%)
- Green (73%)
- Blue (39%)



- Red (39%)
- Yellow (73%)
- Blue (51%)



- Cyan (16%)
- Magenta (0%)
- Yellow (46%)
- Black (27%)





- Cyan (38%)
- Magenta (27%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2060, 0.3532, 0.4520 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 43.2060, 0.3532, 0.4520 by changing the saturation by 10% instead.


 43.2060, 0.3532,
0.4520


 43.2060, 0.3532,
0.4520


359.4583, 0.3352,
0.3878

 30.0468, 0.3566,
0.4684


 80.0216, 0.3474,
0.4283

 19.8741, 0.3601,
0.4896


 104.4468, 0.3450,
0.4195

 12.3036, 0.3633,
0.5174


 133.3961, 0.3428,
0.4121

 6.9508, 0.3642,
0.5550


 167.2540, 0.3409,
0.4058

 3.4313, 0.3710,
0.6290

206.4047, 0.3393,
0.4003

 1.3608, 0.3224,
0.6776

251.2327, 0.3378,

 0.1876, 0.0000,

0.3956

1.0000

302.1224, 0.3364,
0.3915

0.0000, 0.0000,
0.0000

43.2060, 0.3532,
0.4520

43.2060, 0.3532,
0.4520

42.2725, 0.3594,
0.4782

44.2580, 0.3455,
0.4245

41.4456, 0.3637,
0.5020

45.4284, 0.3369,
0.3968

40.7204, 0.3657,
0.5220


46.7243, 0.3278,
0.3698


40.0889, 0.3652,
0.5375


48.1504, 0.3185,
0.3441

39.5410, 0.3624,
0.5481


49.7114, 0.3093,
0.3202

 39.3485, 0.3611,
0.5515

 51.4116, 0.3004,
0.2981

 53.2550, 0.2920,
0.2780

 55.2455, 0.2842,
0.2598

 56.5606, 0.2847,
0.2548

Harmonies

Analogous

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



43.2060, 0.4104, 0.4338



43.2060, 0.3532, 0.4520



43.2060, 0.2883, 0.4272

Triad

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



43.2060, 0.3532, 0.4520



43.2060, 0.1962, 0.2489



43.2060, 0.3938, 0.2920

Complementary

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



43.2060, 0.3532, 0.4520



17.3337, 0.2542, 0.1960

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.



43.2060, 0.3269, 0.2529



43.2060, 0.3532, 0.4520



43.2060, 0.2171, 0.2274

Square

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



43.2060, 0.3532, 0.4520



43.2060, 0.2014, 0.2968



43.2060, 0.2626, 0.2299



43.2060, 0.4382, 0.3405

Rectangle

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



43.2060, 0.3532, 0.4520



43.2060, 0.2496, 0.3880



43.2060, 0.2626, 0.2299



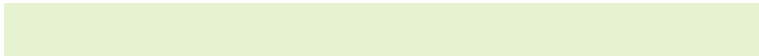
43.2060, 0.3727, 0.2776

Sweetspot

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



43.2079, 0.3532, 0.4520



85.1798, 0.3259, 0.3646



26.9772, 0.4159, 0.3695



18.6391, 0.3279, 0.3703



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.



43.2079, 0.3532, 0.4520



76.6653, 0.3592, 0.4774



39.6424, 0.3166, 0.4676



10.3475, 0.3213, 0.3519



26.5124, 0.3618, 0.5509



0.9672, 0.3771, 0.5388

Inverse Universe

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



17.3337, 0.2542, 0.1960



24.2344, 0.2385, 0.1658



21.3973, 0.3014, 0.2124



8.8628, 0.3035, 0.3057



3.1286, 0.1763, 0.0745



0.1452, 0.2072, 0.0915

Previews

White Background



This preview shows how the Yxy color 43.2060, 0.3532, 0.4520 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 43.2060, 0.3532, 0.4520 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 43.2060, 0.3532, 0.4520

Background



This preview shows how black text looks on a background with the Yxy color 43.2060, 0.3532, 0.4520.



This preview shows how white text looks on a background with the Yxy color 43.2060, 0.3532, 0.4520.

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

43.2060, 0.3532, 0.4520

Protanopia

42.8419, 0.3962, 0.4304

Deuteranopia

42.8035, 0.4136, 0.4041



Tritanopia

43.2034, 0.2957, 0.3102

Trichromacy



Original Color

43.2060, 0.3532, 0.4520

Protanomaly

42.8066, 0.3804, 0.4389

Deuteranomaly

42.5888, 0.3913, 0.4211

Tritanomaly

43.0762, 0.3181, 0.3613

Monochromacy



Original Color

43.2060, 0.3532, 0.4520

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.5356, 0.3294, 0.3751

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2060, 0.3532, 0.4520 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(157, 186, 100)` looks like.

```
.text, #text, p{  
    color:rgb(157, 186, 100)  
}
```

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(157, 186, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 186, 100) }
```

Border

The CSS property to change the border of an element to Yxy 43.2060, 0.3532, 0.4520 is called "border". The border property can be set on classes, ids or directly on the HTML element.

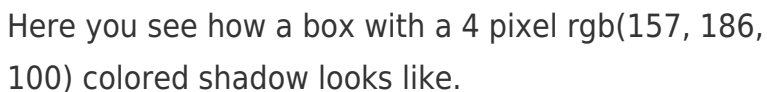
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 186, 100) }
```

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

```
.border{ border-color:rgb(157, 186, 100) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 186, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 186, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 186, 100); box-shadow:4px 4px 4px 4px rgb(157, 186, 100) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2060, 0.3532, 0.4520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 186, 100) }
```

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

```
.background{ background-color: rgb(157,  
186, 100) }
```

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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