

Converting Colors

$Yxy(42.3162, 0.3340, 0.4139)$

Have a look what the booklet for
Yxy(42.3162, 0.3340, 0.4139)
contains.

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Color

Yxy(42.3162, 0.3340, 0.4139)

Conversions

Conversions Part 1

Format	Color
Hex	9BB77D
RGB	155, 183, 125
RGB Percent	61%, 72%, 49%
CMY	0.3923, 0.2823, 0.5097
CMYK	0.15, 0.00, 0.32, 0.28
HSL	89°, 29%, 60%
HSV	89°, 32%, 72%
XYZ	34.1474, 42.3162, 25.7741
YIQ	168.0160, 1.9300, -23.9740

Conversions

Conversions Part 2

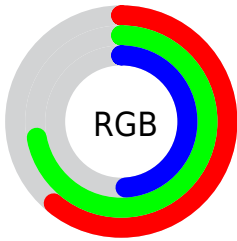
Format	Color
R_{YB}	125, 183, 153
Decimal	10205053
CIE _{Lab}	71.09, -19.93, 26.43
CIE _{LCh}	71, 33.106, 127.019
Yxy	42.3162, 0.3340, 0.4139
Android (android.graphics.Color)	4288395133 (0xFF9BB77D)
YUV	168.0160, -21.2069, -11.4150
Hunter-Lab	65.0509, -20.1384, 22.0441

Details

The Yxy color **42.3162, 0.3340, 0.4139** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **24.8692, 0.2847, 0.2439**, and the grayscale version is **39.2694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6490, 0.3307, 0.3973**, and **19.3568, 0.3388, 0.4418** is the 20% darker color. If you saturate the color by 10%, you get **41.0488, 0.3396, 0.4433**, and if you desaturate by 10%, it is **43.7377, 0.3276, 0.3853**.

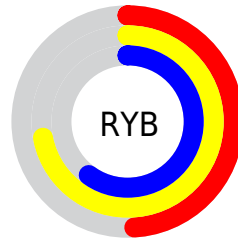
Distribution



Red (61%)

Green (72%)

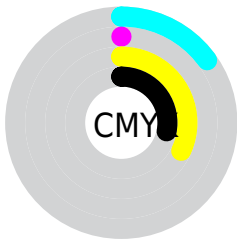
Blue (49%)



Red (49%)

Yellow (72%)

Blue (60%)

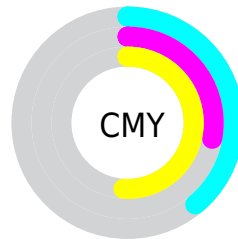


Cyan (15%)

Magenta (0%)

Yellow (32%)

Black (28%)



Cyan (39%)


Magenta (28%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3162, 0.3340, 0.4139 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 42.3162, 0.3340, 0.4139 by changing the saturation by 10% instead.

 42.3162, 0.3340,
0.4139


 42.3162, 0.3340,
0.4139


355.7920, 0.3242,
0.3693

 29.3490, 0.3360,
0.4257


 78.6780, 0.3307,
0.3972

 19.3450, 0.3384,
0.4411


 102.8413, 0.3294,
0.3911

 11.9198, 0.3409,
0.4621

 131.5054, 0.3282,
0.3860

 6.6891, 0.3432,
0.4924

165.0547, 0.3272,
0.3816

 3.2684, 0.3446,
0.5406

203.8737, 0.3264,
0.3779

 1.2734, 0.3482,
0.6518

248.3466, 0.3256,

 0.1205, 0.0000,

0.3747

1.0000

298.8579, 0.3249,
0.3718

■ 0.0000, 0.0000,
0.0000

■ 42.3162, 0.3340,
0.4139

■ 42.3162, 0.3340,
0.4139

■ 41.0488, 0.3396,
0.4433

■ 43.7377, 0.3276,
0.3853

■ 39.9238, 0.3441,
0.4725

■ 45.3135, 0.3208,
0.3582

■ 38.9365, 0.3469,
0.5002

■ 47.0507, 0.3139,
0.3330


■ 38.0796, 0.3478,
0.5248

■ 48.9546, 0.3071,
0.3101

■ 37.3451, 0.3464,
0.5451


■ 51.0297, 0.3005,
0.2893


 36.7233, 0.3429,
0.5600

 53.2810, 0.2942,
0.2706

 36.2782, 0.3389,
0.5691

 55.7126, 0.2884,
0.2539

 57.2255, 0.2937,
0.2536

 58.6919, 0.3004,
0.2551

Harmonies

Analogous

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



42.3162, 0.3772, 0.4100



42.3162, 0.3340, 0.4139



42.3162, 0.2870, 0.3893

Triad

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



42.3162, 0.3340, 0.4139



42.3162, 0.2281, 0.2666



42.3162, 0.3790, 0.3100

Complementary

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



42.3162, 0.3340, 0.4139



24.8692, 0.2847, 0.2439

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.



42.3162, 0.3340, 0.2781



42.3162, 0.3340, 0.4139



42.3162, 0.2483, 0.2530

Square

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



42.3162, 0.3340, 0.4139



42.3162, 0.2282, 0.2989



42.3162, 0.2860, 0.2577



42.3162, 0.4053, 0.3477

Rectangle

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



42.3162, 0.3340, 0.4139



42.3162, 0.2600, 0.3607



42.3162, 0.2860, 0.2577



42.3162, 0.3654, 0.2984

Sweetspot

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



42.3180, 0.3340, 0.4139



81.5984, 0.3197, 0.3542



34.3478, 0.3716, 0.3686



17.9301, 0.3207, 0.3579



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.



42.3180, 0.3340, 0.4139



74.1741, 0.3380, 0.4343



39.7877, 0.3092, 0.4207



10.2820, 0.3192, 0.3521



25.3452, 0.3397, 0.5684



0.9301, 0.3596, 0.5527

Inverse Universe

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



24.8692, 0.2847, 0.2439



38.0284, 0.2769, 0.2234



28.0410, 0.3153, 0.2513



8.9269, 0.3058, 0.3059



3.8906, 0.2005, 0.0878



0.1740, 0.2298, 0.1040

Previews

White Background



This preview shows how the Yxy color 42.3162, 0.3340, 0.4139 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 42.3162, 0.3340, 0.4139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

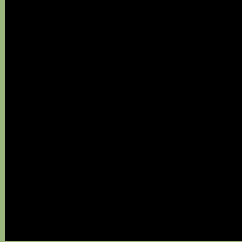
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

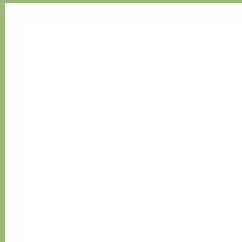
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.3162, 0.3340, 0.4139

Background



This preview shows how black text looks on a background with the Yxy color 42.3162, 0.3340, 0.4139.



This preview shows how white text looks on a background with the Yxy color 42.3162, 0.3340, 0.4139.

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

42.3162, 0.3340, 0.4139

Protanopia

42.3439, 0.3715, 0.4000

Deuteranopia

41.8366, 0.3847, 0.3762



Tritanopia

42.2266, 0.2923, 0.3099

Trichromacy



Original Color

42.3162, 0.3340, 0.4139

Protanomaly

42.0795, 0.3578, 0.4054

Deuteranomaly

41.6284, 0.3653, 0.3885

Tritanomaly

42.1710, 0.3076, 0.3459

Monochromacy



Original Color

42.3162, 0.3340, 0.4139

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.9407, 0.3212, 0.3592

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3162, 0.3340, 0.4139 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(155, 183, 125)` looks like.

```
.text, #text, p{  
    color:rgb(155, 183, 125)  
}
```

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(155, 183, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 183, 125) }
```

Border

The CSS property to change the border of an element to Yxy 42.3162, 0.3340, 0.4139 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(155, 183, 125) }
```

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

```
.border{ border-color:rgb(155, 183, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 183, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 183, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 183, 125); box-shadow:4px 4px 4px 4px rgb(155, 183, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3162, 0.3340, 0.4139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 183, 125) }
```

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

```
.background{ background-color: rgb(155,  
183, 125) }
```

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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