

Converting Colors

$Yxy(42.7946, 0.3073, 0.3541)$

Have a look what the booklet for
Yxy(42.7946, 0.3073, 0.3541)
contains.

Yxy(42.9612, 0.3073, 0.3545)	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(42.9612, 0.3073, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	9EB5A3
RGB	158, 181, 163
RGB Percent	62%, 71%, 64%
CMY	0.3803, 0.2902, 0.3607
CMYK	0.13, 0.00, 0.10, 0.29
HSL	133°, 13%, 66%
HSV	133°, 13%, 71%
XYZ	37.2411, 42.9612, 40.9858
YIQ	172.0710, -7.9300, -10.4740

Conversions

Conversions Part 2

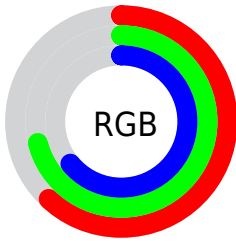
Format	Color
RYB	158, 177, 181
Decimal	10401187
CIELab	71.53, -11.40, 6.50
CIELCh	72, 13.129, 150.302
Yxy	42.9612, 0.3073, 0.3545
Android (android.graphics.Color)	4288591267 (0xFF9EB5A3)
YUV	172.0710, -4.4720, -12.3403
Hunter-Lab	65.5448, -13.2836, 8.8067

Details

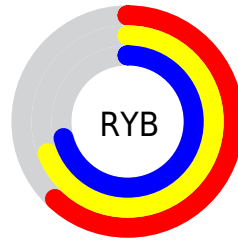
The Yxy color **42.9612, 0.3073, 0.3545** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.4239, 0.3186, 0.3048**, and the grayscale version is **41.3229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7765, 0.3084, 0.3496**, and **19.6502, 0.3053, 0.3629** is the 20% darker color. If you saturate the color by 10%, you get **40.7802, 0.3031, 0.3775**, and if you desaturate by 10%, it is **45.4732, 0.3116, 0.3341**.

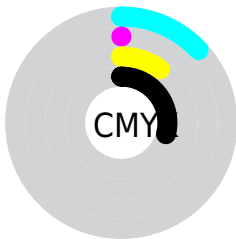
Distribution



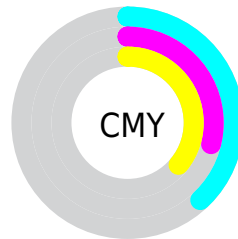
- Red (62%)
- Green (71%)
- Blue (64%)



- Red (62%)
- Yellow (69%)
- Blue (71%)



- Cyan (13%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)





- Cyan (38%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9612, 0.3073, 0.3545 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 42.9612, 0.3073, 0.3545 by changing the saturation by 10% instead.

 42.9612, 0.3073,
0.3545


 42.9612, 0.3073,
0.3545


358.4522, 0.3102,
0.3414

 29.8547, 0.3065,
0.3579


 79.6523, 0.3084,
0.3496

 19.7283, 0.3055,
0.3624


 104.0057, 0.3088,
0.3478

 12.1977, 0.3041,
0.3685


132.8768, 0.3091,
0.3463

 6.8785, 0.3020,
0.3774

166.6500, 0.3094,
0.3450

 3.3862, 0.2987,
0.3913

205.7098, 0.3096,
0.3439

 1.3365, 0.2923,
0.4164

250.4405, 0.3098,

 0.1692, 0.0000,

0.3430

1.0000

301.2265, 0.3100,
0.3421

0.0000, 0.0000,
0.0000

42.9612, 0.3073,
0.3545

42.9612, 0.3073,
0.3545

40.7802, 0.3031,
0.3775

45.4732, 0.3116,
0.3341

38.9110, 0.2990,
0.4029

48.3234, 0.3158,
0.3161

37.3409, 0.2954,
0.4305

51.5259, 0.3198,
0.3004

36.0540, 0.2924,
0.4595

55.0922, 0.3236,
0.2867

35.0331, 0.2904,
0.4888

59.0333, 0.3272,
0.2749

■ 34.2591, 0.2896,
0.5171

■ 61.0865, 0.3213,
0.2627

■ 33.7100, 0.2901,
0.5428

■ 61.5255, 0.3161,
0.2565

■ 33.3600, 0.2919,
0.5642

■ 33.1937, 0.2936,
0.5768

Harmonies

Analogous

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



42.9612, 0.3262, 0.3620



42.9612, 0.3073, 0.3545



42.9612, 0.2902, 0.3396

Triad

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



42.9612, 0.3073, 0.3545



42.9612, 0.2839, 0.2986



42.9612, 0.3474, 0.3344

Complementary

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



42.9612, 0.3073, 0.3545



37.4239, 0.3186, 0.3048

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.



42.9612, 0.3354, 0.3184



42.9612, 0.3073, 0.3545



42.9612, 0.2985, 0.2981

Square

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



42.9612, 0.3073, 0.3545



42.9612, 0.2770, 0.3070



42.9612, 0.3173, 0.3053



42.9612, 0.3497, 0.3496

Rectangle

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



42.9612, 0.3073, 0.3545



42.9612, 0.2820, 0.3278



42.9612, 0.3173, 0.3053



42.9612, 0.3443, 0.3290

Sweetspot

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



42.9630, 0.3073, 0.3545



80.7901, 0.3110, 0.3367



44.7478, 0.3269, 0.3602



17.3861, 0.3107, 0.3382



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.9630, 0.3073, 0.3545



75.8932, 0.3062, 0.3602



43.3933, 0.2985, 0.3381



9.5193, 0.3087, 0.3473



22.8933, 0.2930, 0.5750



0.7290, 0.2783, 0.5219

Inverse Universe

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



37.4239, 0.3186, 0.3048



64.1742, 0.3200, 0.2997



36.9886, 0.3292, 0.3201



8.6145, 0.3169, 0.3113



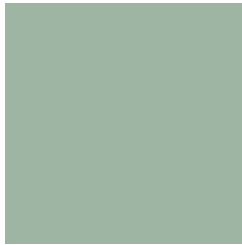
8.1240, 0.3837, 0.1887



0.2635, 0.3630, 0.1774

Previews

White Background



This preview shows how the Yxy color 42.9612, 0.3073, 0.3545 looks on a white background.

Color Contrast Check

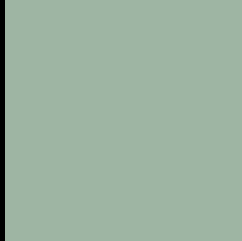
Large Text (above 18pt) WCAG AA × Fail

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 42.9612, 0.3073, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

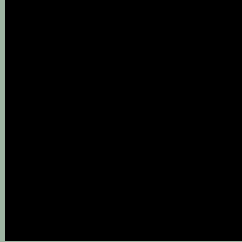
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9612, 0.3073, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 42.9612, 0.3073, 0.3545.



This preview shows how white text looks on a background with the Yxy color 42.9612, 0.3073, 0.3545.

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

42.9612, 0.3073, 0.3545

Protanopia

42.7204, 0.3326, 0.3493

Deuteranopia

42.6946, 0.3405, 0.3343



Tritanopia

42.9924, 0.2901, 0.3100

Trichromacy



Original Color

42.9612, 0.3073, 0.3545

Protanomaly

42.8666, 0.3231, 0.3524

Deuteranomaly

42.5126, 0.3285, 0.3411

Tritanomaly

42.7541, 0.2960, 0.3248

Monochromacy



Original Color

42.9612, 0.3073, 0.3545

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.7400, 0.3106, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9612, 0.3073, 0.3545 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(158, 181, 163)` looks like.

```
.text, #text, p{  
    color:rgb(158, 181, 163)  
}
```

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(158, 181, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 181, 163) }
```

Border

The CSS property to change the border of an element to Yxy 42.9612, 0.3073, 0.3545 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(158, 181, 163) }
```

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

```
.border{ border-color:rgb(158, 181, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 181, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 181, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 181, 163);  
box-shadow:4px 4px 4px 4px rgb(158, 181,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9612, 0.3073, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 181, 163) }
```

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

```
.background{ background-color: rgb(158,  
181, 163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor