

Converting Colors

$Y_{xy}(43.1701, 0.3145, 0.3640)$

Have a look what the booklet for
Yxy(43.1701, 0.3145, 0.3640)
contains.

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Color

Yxy(43.0591, 0.3145, 0.3630)

Conversions

Conversions Part 1

Format	Color
Hex	A1B59D
RGB	161, 181, 157
RGB Percent	63%, 71%, 62%
CMY	0.3687, 0.2902, 0.3842
CMYK	0.11, 0.00, 0.13, 0.29
HSL	110°, 14%, 66%
HSV	110°, 13%, 71%
XYZ	37.3060, 43.0591, 38.2550
YIQ	172.2840, -4.2160, -11.7040

Conversions

Conversions Part 2

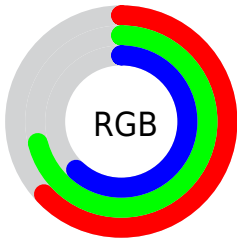
Format	Color
RYB	157, 181, 177
Decimal	10597789
CIELab	71.60, -11.48, 9.90
CIELCh	72, 15.158, 139.222
Yxy	43.0591, 0.3145, 0.3630
Android (android.graphics.Color)	4288787869 (0xFFA1B59D)
YUV	172.2840, -7.5350, -9.8961
Hunter-Lab	65.6194, -13.3530, 11.3686

Details

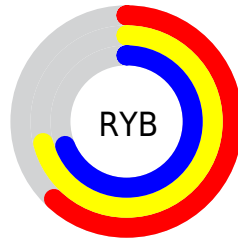
The Yxy color **43.0591, 0.3145, 0.3630** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8136, 0.3105, 0.2965**, and the grayscale version is **41.4467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9208, 0.3141, 0.3561**, and **19.7302, 0.3142, 0.3728** is the 20% darker color. If you saturate the color by 10%, you get **41.0110, 0.3156, 0.3921**, and if you desaturate by 10%, it is **45.3925, 0.3132, 0.3369**.

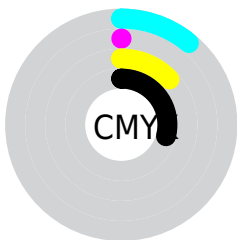
Distribution



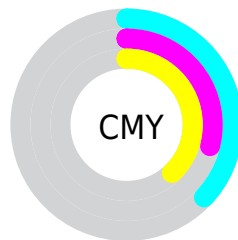
- Red (63%)
- Green (71%)
- Blue (62%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)





- Cyan (37%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0591, 0.3145, 0.3630 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 43.0591, 0.3145, 0.3630 by changing the saturation by 10% instead.


 43.0591, 0.3145,
0.3630


 43.0591, 0.3145,
0.3630


358.8548, 0.3138,
0.3454

 29.9315, 0.3146,
0.3676


 79.8000, 0.3143,
0.3565

 19.7866, 0.3147,
0.3736


 104.1822, 0.3142,
0.3541

 12.2400, 0.3148,
0.3818


133.0846, 0.3141,
0.3520

 6.9074, 0.3148,
0.3937

166.8916, 0.3140,
0.3503

 3.4042, 0.3145,
0.4124

205.9878, 0.3139,
0.3488

 1.3462, 0.3150,
0.4494

250.7575, 0.3139,

 0.1766, 0.0000,

0.3476

1.0000

301.5850, 0.3138,
0.3464

0.0000, 0.0000,
0.0000

43.0591, 0.3145,
0.3630

43.0591, 0.3145,
0.3630

41.0110, 0.3156,
0.3921

45.3925, 0.3132,
0.3369

39.2317, 0.3163,
0.4238

48.0157, 0.3117,
0.3137

37.7118, 0.3166,
0.4572

50.9402, 0.3102,
0.2934

36.4390, 0.3161,
0.4910

54.1753, 0.3087,
0.2756

35.3998, 0.3149,
0.5233

57.7299, 0.3073,
0.2602

■ 34.5798, 0.3129,
0.5517

■ 60.9084, 0.3135,
0.2560

■ 33.9627, 0.3102,
0.5742

■ 61.5308, 0.3161,
0.2566

■ 33.5297, 0.3070,
0.5892

■ 33.3242, 0.3050,
0.5960

Harmonies

Analogous

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



43.0591, 0.3356, 0.3675



43.0591, 0.3145, 0.3630



43.0591, 0.2934, 0.3483

Triad

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



43.0591, 0.3145, 0.3630



43.0591, 0.2755, 0.2965



43.0591, 0.3488, 0.3282

Complementary

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



43.0591, 0.3145, 0.3630



36.8136, 0.3105, 0.2965

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.



43.0591, 0.3316, 0.3107



43.0591, 0.3145, 0.3630



43.0591, 0.2893, 0.2926

Square

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



43.0591, 0.3145, 0.3630



43.0591, 0.2714, 0.3092



43.0591, 0.3097, 0.2979



43.0591, 0.3559, 0.3465

Rectangle

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



43.0591, 0.3145, 0.3630



43.0591, 0.2821, 0.3351



43.0591, 0.3097, 0.2979



43.0591, 0.3439, 0.3220

Sweetspot

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



43.0609, 0.3145, 0.3630



80.9281, 0.3133, 0.3389



43.7085, 0.3329, 0.3560



17.4210, 0.3134, 0.3407



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.



43.0609, 0.3145, 0.3630



75.9534, 0.3149, 0.3715



42.9391, 0.3049, 0.3517



9.5551, 0.3140, 0.3523



22.9918, 0.3056, 0.5956



0.7439, 0.3219, 0.5826

Inverse Universe

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



36.8136, 0.3105, 0.2965



62.4987, 0.3099, 0.2889



36.9656, 0.3215, 0.3074



8.5745, 0.3112, 0.3064



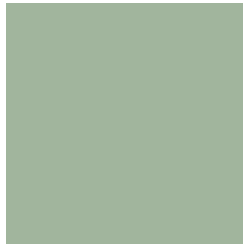
6.8730, 0.2802, 0.1317



0.2351, 0.2922, 0.1384

Previews

White Background



This preview shows how the Yxy color 43.0591, 0.3145, 0.3630 looks on a white background.

Color Contrast Check

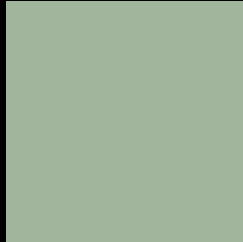
Large Text (above 18pt) WCAG AA × Fail

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 43.0591, 0.3145, 0.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

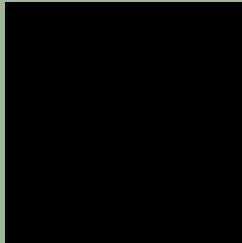
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

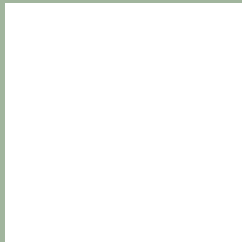
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.0591, 0.3145, 0.3630

Background



This preview shows how black text looks on a background with the Yxy color 43.0591, 0.3145, 0.3630.



This preview shows how white text looks on a background with the Yxy color 43.0591, 0.3145, 0.3630.

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

43.0591, 0.3145, 0.3630

Protanopia

43.0603, 0.3377, 0.3574

Deuteranopia

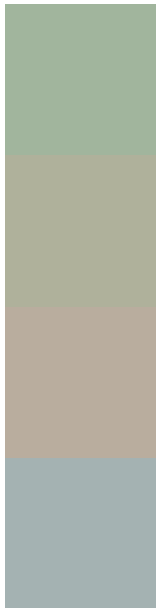
42.8849, 0.3488, 0.3420



Tritanopia

42.8754, 0.2932, 0.3101

Trichromacy



Original Color

43.0591, 0.3145, 0.3630

Protanomaly

42.9248, 0.3291, 0.3593

Deuteranomaly

42.6701, 0.3365, 0.3492

Tritanomaly

42.9477, 0.3008, 0.3290

Monochromacy



Original Color

43.0591, 0.3145, 0.3630

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.7748, 0.3131, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0591, 0.3145, 0.3630 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(161, 181, 157)` looks like.

```
.text, #text, p{  
    color:rgb(161, 181, 157)  
}
```

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(161, 181, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 181, 157) }
```

Border

The CSS property to change the border of an element to Yxy 43.0591, 0.3145, 0.3630 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(161, 181, 157) }
```

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

```
.border{ border-color:rgb(161, 181, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 181, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 181, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 181, 157);  
box-shadow:4px 4px 4px 4px rgb(161, 181,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0591, 0.3145, 0.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 181, 157) }
```

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

```
.background{ background-color: rgb(161,  
181, 157) }
```

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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