

Converting Colors

$Y_{xy}(40.4715, 0.3025, 0.3552)$

Have a look what the booklet for
Yxy(40.4715, 0.3025, 0.3552)
contains.

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Color

Yxy(40.3370, 0.3029, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	95B19F
RGB	149, 177, 159
RGB Percent	58%, 69%, 62%
CMY	0.4156, 0.3059, 0.3764
CMYK	0.16, 0.00, 0.10, 0.31
HSL	141°, 15%, 64%
HSV	141°, 16%, 69%
XYZ	34.3784, 40.3370, 38.7821
YIQ	166.5760, -10.9100, -11.5340

Conversions

Conversions Part 2

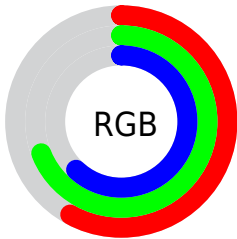
Format	Color
RYB	149, 170, 177
Decimal	9810335
CIELab	69.71, -13.19, 6.00
CIELCh	70, 14.489, 155.524
Yxy	40.3370, 0.3029, 0.3554
Android (android.graphics.Color)	4288000415 (0xFF95B19F)
YUV	166.5760, -3.7350, -15.4142
Hunter-Lab	63.5114, -14.5239, 8.2536

Details

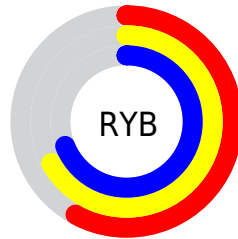
The Yxy color $40.3370, 0.3029, 0.3554$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $33.6385, 0.3240, 0.3040$, and the grayscale version is $38.4521, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.8294, 0.3044, 0.3502$, and $18.0947, 0.2994, 0.3623$ is the 20% darker color. If you saturate the color by 10%, you get $38.4211, 0.2969, 0.3747$, and if you desaturate by 10%, it is $42.5456, 0.3091, 0.3381$.

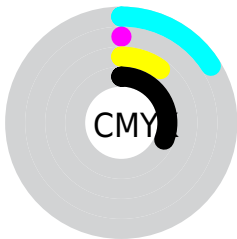
Distribution



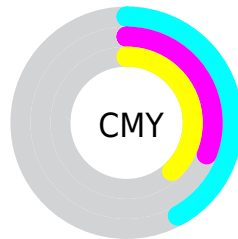
- Red (58%)
- Green (69%)
- Blue (62%)



- Red (58%)
- Yellow (67%)
- Blue (69%)



- Cyan (16%)
- Magenta (0%)
- Yellow (10%)
- Black (31%)





- Cyan (42%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3370, 0.3029, 0.3554 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 40.3370, 0.3029, 0.3554 by changing the saturation by 10% instead.


 40.3370, 0.3029,
0.3554


 40.3370, 0.3029,
0.3554

347.5419, 0.3081,
0.3416

 27.8014, 0.3015,
0.3590


 75.6764, 0.3048,
0.3503

 18.1760, 0.2997,
0.3638


 99.2490, 0.3055,
0.3484

 11.0764, 0.2972,
0.3704


127.2694, 0.3061,
0.3468

 6.1183, 0.2935,
0.3801

160.1220, 0.3066,
0.3454

 2.9171, 0.2875,
0.3957

198.1911, 0.3071,
0.3443

 1.0886, 0.2756,
0.4288

241.8612, 0.3074,

 0.0000, 0.0000,

0.3433

0.0000

291.5167, 0.3078,
0.3424

■ 40.3370, 0.3029,
0.3554

■ 40.3370, 0.3029,
0.3554

■ 38.4211, 0.2969,
0.3747

■ 42.5456, 0.3091,
0.3381

■ 36.7806, 0.2914,
0.3958

■ 45.0536, 0.3153,
0.3228

■ 35.4038, 0.2866,
0.4187

■ 47.8734, 0.3214,
0.3093

■ 34.2763, 0.2828,
0.4428

■ 51.0156, 0.3274,
0.2975

■ 33.3824, 0.2804,
0.4675

■ 54.4899, 0.3330,
0.2871

■ 32.7044, 0.2797,
0.4920

■ 58.2643, 0.3382,
0.2781

■ 32.2218, 0.2806,
0.5152

■ 58.9144, 0.3290,
0.2674

■ 31.9087, 0.2833,
0.5362

■ 59.6068, 0.3201,
0.2571

■ 31.8049, 0.2845,
0.5443

■ 59.9233, 0.3163,
0.2527

Harmonies

Analogous

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



40.3370, 0.3243, 0.3656



40.3370, 0.3029, 0.3554



40.3370, 0.2846, 0.3375

Triad

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



40.3370, 0.3029, 0.3554



40.3370, 0.2826, 0.2940



40.3370, 0.3531, 0.3381

Complementary

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



40.3370, 0.3029, 0.3554



33.6385, 0.3240, 0.3040

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.



40.3370, 0.3412, 0.3201



40.3370, 0.3029, 0.3554



40.3370, 0.3002, 0.2952

Square

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



40.3370, 0.3029, 0.3554



40.3370, 0.2732, 0.3019



40.3370, 0.3216, 0.3046



40.3370, 0.3537, 0.3546

Rectangle

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



40.3370, 0.3029, 0.3554



40.3370, 0.2765, 0.3241



40.3370, 0.3216, 0.3046



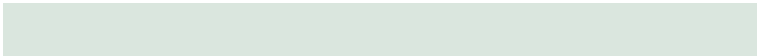
40.3370, 0.3503, 0.3321

Sweetspot

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



40.3387, 0.3029, 0.3554



76.5056, 0.3095, 0.3370



41.8519, 0.3270, 0.3686



16.5171, 0.3091, 0.3381



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



40.3387, 0.3029, 0.3554



70.9811, 0.3008, 0.3620



40.8443, 0.2923, 0.3350



9.5386, 0.3069, 0.3440



23.0551, 0.2840, 0.5423



0.7368, 0.2673, 0.4824

Inverse Universe

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



33.6385, 0.3240, 0.3040



56.6649, 0.3270, 0.2982



33.1556, 0.3377, 0.3231



8.5941, 0.3190, 0.3145



7.6604, 0.4347, 0.2169



0.2517, 0.3956, 0.1953

Previews

White Background



This preview shows how the Yxy color 40.3370, 0.3029, 0.3554 looks on a white background.

Color Contrast Check

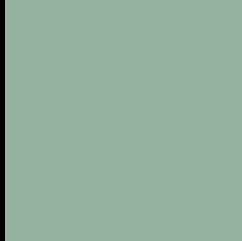
Large Text (above 18pt) WCAG AA × Fail

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 40.3370, 0.3029, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

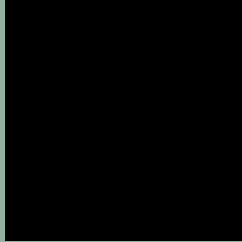
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

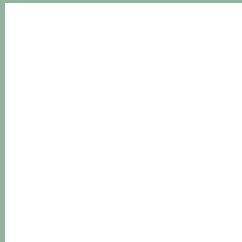
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.3370, 0.3029, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 40.3370, 0.3029, 0.3554.



This preview shows how white text looks on a background with the Yxy color 40.3370, 0.3029, 0.3554.

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

40.3370, 0.3029, 0.3554

Protanopia

39.9726, 0.3314, 0.3485

Deuteranopia

39.9784, 0.3384, 0.3317



Tritanopia

40.3450, 0.2855, 0.3093

Trichromacy



Original Color

40.3370, 0.3029, 0.3554

Protanomaly

40.0123, 0.3207, 0.3518

Deuteranomaly

39.9478, 0.3242, 0.3401

Tritanomaly

40.1218, 0.2915, 0.3247

Monochromacy



Original Color

40.3370, 0.3029, 0.3554

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.2797, 0.3087, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3370, 0.3029, 0.3554 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(149, 177, 159)` looks like.

```
.text, #text, p{  
    color:rgb(149, 177, 159)  
}
```

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(149, 177, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 177, 159) }
```

Border

The CSS property to change the border of an element to Yxy 40.3370, 0.3029, 0.3554 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(149, 177, 159) }
```

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

```
.border{ border-color:rgb(149, 177, 159) }
```

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

Here you see how a box with a 4 pixel rgb(149, 177, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 177, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 177, 159);  
box-shadow:4px 4px 4px 4px rgb(149, 177,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3370, 0.3029, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 177, 159) }
```

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

```
.background{ background-color: rgb(149,  
177, 159) }
```

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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