

Converting Colors

$Y_{xy}(41.8293, 0.3056, 0.3634)$

Have a look what the booklet for
Yxy(41.8293, 0.3056, 0.3634)
contains.

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Color

Yxy(41.9661, 0.3052, 0.3640)

Conversions

Conversions Part 1

Format	Color
Hex	96B59D
RGB	150, 181, 157
RGB Percent	59%, 71%, 62%
CMY	0.4117, 0.2902, 0.3844
CMYK	0.17, 0.00, 0.13, 0.29
HSL	134°, 17%, 65%
HSV	134°, 17%, 71%
XYZ	35.1870, 41.9661, 38.1384
YIQ	168.9950, -10.7720, -14.0360

Conversions

Conversions Part 2

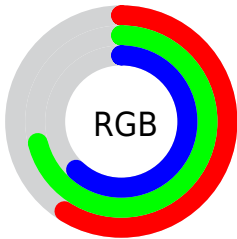
Format	Color
RYB	150, 175, 181
Decimal	9876893
CIELab	70.85, -15.32, 8.75
CIELCh	71, 17.648, 150.259
Yxy	41.9661, 0.3052, 0.3640
Android (android.graphics.Color)	4288066973 (0xFF96B59D)
YUV	168.9950, -5.9135, -16.6586
Hunter-Lab	64.7812, -16.4121, 10.4413

Details

The Yxy color $41.9661, 0.3052, 0.3640$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $34.6952, 0.3212, 0.2964$, and the grayscale version is $39.7081, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.1592, 0.3062, 0.3568$, and $19.1316, 0.3026, 0.3743$ is the 20% darker color. If you saturate the color by 10%, you get $39.9294, 0.3009, 0.3878$, and if you desaturate by 10%, it is $44.3265, 0.3096, 0.3427$.

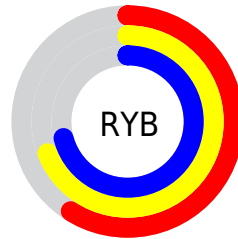
Distribution



Red (59%)

Green (71%)

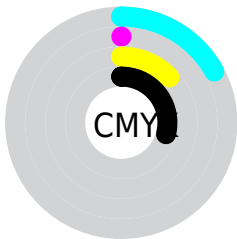
Blue (62%)



Red (59%)

Yellow (69%)

Blue (71%)

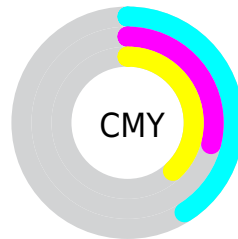


Cyan (17%)

Magenta (0%)

Yellow (13%)

Black (29%)



Cyan (41%)


Magenta (29%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.9661, 0.3052, 0.3640 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 41.9661, 0.3052, 0.3640 by changing the saturation by 10% instead.


 41.9661, 0.3052,
0.3640


 41.9661, 0.3052,
0.3640


354.3424, 0.3092,
0.3458

 29.0747, 0.3041,
0.3688


 78.1483, 0.3067,
0.3572

 19.1374, 0.3026,
0.3751


 102.2080, 0.3073,
0.3547

 11.7696, 0.3006,
0.3838


130.7592, 0.3077,
0.3526

 6.5870, 0.2974,
0.3965

164.1863, 0.3081,
0.3508

 3.2052, 0.2922,
0.4169

202.8738, 0.3085,
0.3493

 1.2398, 0.2839,
0.4587

247.2061, 0.3088,

 0.0938, 0.0000,

0.3480

1.0000

297.5675, 0.3090,
0.3468

0.0000, 0.0000,
0.0000

41.9661, 0.3052,
0.3640

41.9661, 0.3052,
0.3640

39.9294, 0.3009,
0.3878

44.3265, 0.3096,
0.3427

38.1972, 0.2969,
0.4140

47.0185, 0.3140,
0.3238

36.7562, 0.2935,
0.4420

50.0562, 0.3182,
0.3073

35.5901, 0.2908,
0.4710

53.4514, 0.3222,
0.2929

34.6808, 0.2893,
0.4999

57.2151, 0.3260,
0.2805

■ 34.0083, 0.2891,
0.5271

■ 60.6677, 0.3267,
0.2691

■ 33.5492, 0.2903,
0.5511

■ 61.5295, 0.3161,
0.2566

■ 33.2710, 0.2925,
0.5705

■ 33.2080, 0.2931,
0.5753

Harmonies

Analogous

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



41.9661, 0.3308, 0.3741



41.9661, 0.3052, 0.3640



41.9661, 0.2823, 0.3433

Triad

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



41.9661, 0.3052, 0.3640



41.9661, 0.2739, 0.2880



41.9661, 0.3598, 0.3359

Complementary

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



41.9661, 0.3052, 0.3640



34.6952, 0.3212, 0.2964

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.



41.9661, 0.3434, 0.3146



41.9661, 0.3052, 0.3640



41.9661, 0.2934, 0.2877

Square

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



41.9661, 0.3052, 0.3640



41.9661, 0.2648, 0.2991



41.9661, 0.3188, 0.2973



41.9661, 0.3630, 0.3563

Rectangle

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



41.9661, 0.3052, 0.3640



41.9661, 0.2714, 0.3271



41.9661, 0.3188, 0.2973



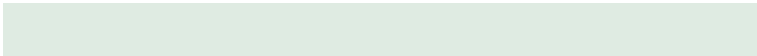
41.9661, 0.3556, 0.3286

Sweetspot

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



41.9679, 0.3052, 0.3640



80.3195, 0.3105, 0.3386



44.2834, 0.3319, 0.3717



17.2909, 0.3102, 0.3400



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.



41.9679, 0.3052, 0.3640



73.5491, 0.3034, 0.3738



42.5210, 0.2937, 0.3415



9.5204, 0.3086, 0.3471



22.9007, 0.2926, 0.5734



0.7294, 0.2776, 0.5193

Inverse Universe

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



34.6952, 0.3212, 0.2964



57.7867, 0.3237, 0.2880



34.1343, 0.3361, 0.3169



8.6133, 0.3171, 0.3115



8.0929, 0.3865, 0.1903



0.2627, 0.3649, 0.1784

Previews

White Background



This preview shows how the Yxy color 41.9661, 0.3052, 0.3640 looks on a white background.

Color Contrast Check

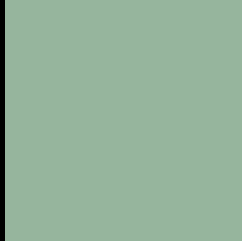
Large Text (above 18pt) WCAG AA × Fail

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 41.9661, 0.3052, 0.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

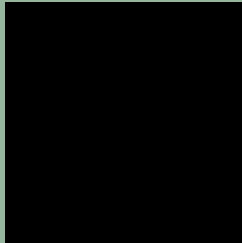
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9661, 0.3052, 0.3640

Background



This preview shows how black text looks on a background with the Yxy color 41.9661, 0.3052, 0.3640.



This preview shows how white text looks on a background with the Yxy color 41.9661, 0.3052, 0.3640.

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

41.9661, 0.3052, 0.3640

Protanopia

41.6287, 0.3373, 0.3550

Deuteranopia

41.7776, 0.3454, 0.3382



Tritanopia

41.8363, 0.2851, 0.3096

Trichromacy



Original Color

41.9661, 0.3052, 0.3640

Protanomaly

41.5391, 0.3257, 0.3585

Deuteranomaly

41.5920, 0.3302, 0.3468

Tritanomaly

41.9252, 0.2925, 0.3289

Monochromacy



Original Color

41.9661, 0.3052, 0.3640

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.2851, 0.3095, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9661, 0.3052, 0.3640 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(150, 181, 157)` looks like.

```
.text, #text, p{  
    color:rgb(150, 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(150, 181, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 181, 157) }
```

Border

The CSS property to change the border of an element to Yxy 41.9661, 0.3052, 0.3640 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(150, 181, 157) }
```

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

```
.border{ border-color:rgb(150, 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(150, 181, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 181, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 181, 157);  
box-shadow:4px 4px 4px 4px rgb(150, 181,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9661, 0.3052, 0.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 181, 157) }
```

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

```
.background{ background-color: rgb(150,  
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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