

Converting Colors

$Yxy(41.5242, 0.3031, 0.3536)$

Have a look what the booklet for
Yxy(41.5242, 0.3031, 0.3536)
contains.

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Color

Yxy(41.5242, 0.3031, 0.3536)

Conversions

Conversions Part 1

Format	Color
Hex	98B3A2
RGB	152, 179, 162
RGB Percent	60%, 70%, 64%
CMY	0.4038, 0.2980, 0.3648
CMYK	0.15, 0.00, 0.10, 0.30
HSL	142°, 15%, 65%
HSV	142°, 15%, 70%
XYZ	35.5938, 41.5242, 40.3146
YIQ	168.9890, -10.6350, -11.0110

Conversions

Conversions Part 2

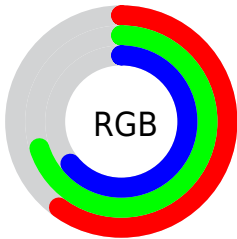
Format	Color
RYB	152, 172, 179
Decimal	10007458
CIELab	70.54, -12.63, 5.60
CIElCh	71, 13.811, 156.099
Yxy	41.5242, 0.3031, 0.3536
Android (android.graphics.Color)	4288197538 (0xFF98B3A2)
YUV	168.9890, -3.4456, -14.8994
Hunter-Lab	64.4393, -14.1720, 8.0143

Details

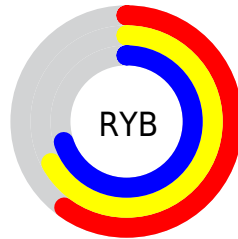
The Yxy color **41.5242, 0.3031, 0.3536** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.9166, 0.3237, 0.3056**, and the grayscale version is **39.6947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5482, 0.3045, 0.3489**, and **18.8142, 0.3007, 0.3617** is the 20% darker color. If you saturate the color by 10%, you get **39.5430, 0.2969, 0.3724**, and if you desaturate by 10%, it is **43.8057, 0.3095, 0.3368**.

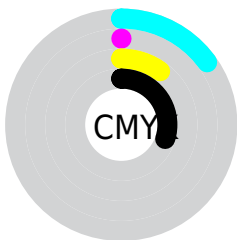
Distribution



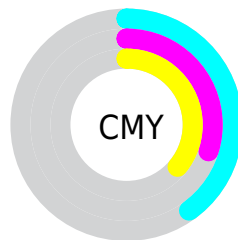
- Red (60%)
- Green (70%)
- Blue (64%)



- Red (60%)
- Yellow (67%)
- Blue (70%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (30%)




- Cyan (40%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5242, 0.3031, 0.3536 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 41.5242, 0.3031, 0.3536 by changing the saturation by 10% instead.

 41.5242, 0.3031,
0.3536

 41.5242, 0.3031,
0.3536


352.5068, 0.3081,
0.3409

 28.7289, 0.3018,
0.3569


 77.4790, 0.3050,
0.3489

 18.8758, 0.3000,
0.3613


 101.4073, 0.3057,
0.3471

 11.5806, 0.2977,
0.3674


129.8154, 0.3062,
0.3456

 6.4588, 0.2942,
0.3761

163.0877, 0.3067,
0.3444

 3.1260, 0.2886,
0.3901

201.6086, 0.3071,
0.3433

 1.1979, 0.2783,
0.4162

245.7625, 0.3075,

 0.0600, 0.0000,

0.3424

1.0000

295.9337, 0.3078,
0.3416

0.0000, 0.0000,
0.0000

41.5242, 0.3031,
0.3536

41.5242, 0.3031,
0.3536

39.5430, 0.2969,
0.3724

43.8057, 0.3095,
0.3368

37.8441, 0.2912,
0.3930

46.3940, 0.3159,
0.3219

36.4159, 0.2862,
0.4153

49.3020, 0.3222,
0.3087

35.2438, 0.2823,
0.4390

52.5403, 0.3282,
0.2972

34.3115, 0.2797,
0.4633

56.1190, 0.3341,
0.2871

■ 33.6013, 0.2788,
0.4874

■ 59.1977, 0.3360,
0.2778

■ 33.0923, 0.2796,
0.5105

■ 59.8519, 0.3269,
0.2672

■ 32.7596, 0.2822,
0.5316

■ 60.5480, 0.3182,
0.2570

■ 32.6335, 0.2837,
0.5412

■ 60.7193, 0.3162,
0.2546

Harmonies

Analogous

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



41.5242, 0.3233, 0.3634



41.5242, 0.3031, 0.3536



41.5242, 0.2859, 0.3366

Triad

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



41.5242, 0.3031, 0.3536



41.5242, 0.2846, 0.2959



41.5242, 0.3510, 0.3380

Complementary

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



41.5242, 0.3031, 0.3536



34.9166, 0.3237, 0.3056

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.



41.5242, 0.3399, 0.3209



41.5242, 0.3031, 0.3536



41.5242, 0.3013, 0.2971

Square

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



41.5242, 0.3031, 0.3536



41.5242, 0.2755, 0.3032



41.5242, 0.3216, 0.3062



41.5242, 0.3513, 0.3535

Rectangle

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



41.5242, 0.3031, 0.3536



41.5242, 0.2783, 0.3240



41.5242, 0.3216, 0.3062



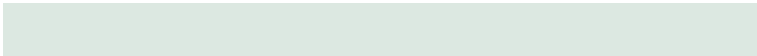
41.5242, 0.3484, 0.3323

Sweetspot

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



41.5260, 0.3031, 0.3536



78.4485, 0.3095, 0.3368



42.9546, 0.3259, 0.3667



17.3135, 0.3090, 0.3379



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.



41.5260, 0.3031, 0.3536



73.1664, 0.3011, 0.3595



42.0288, 0.2929, 0.3341



9.5402, 0.3067, 0.3437



23.0727, 0.2831, 0.5390



0.7375, 0.2665, 0.4793

Inverse Universe

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



34.9166, 0.3237, 0.3056



59.1035, 0.3265, 0.3004



34.4381, 0.3368, 0.3240



8.5924, 0.3192, 0.3147



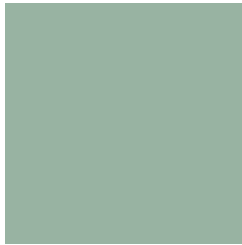
7.6264, 0.4394, 0.2194



0.2508, 0.3985, 0.1969

Previews

White Background



This preview shows how the Yxy color 41.5242, 0.3031, 0.3536 looks on a white background.

Color Contrast Check

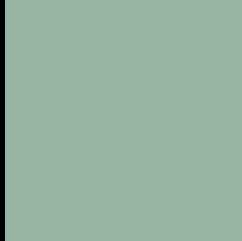
Large Text (above 18pt) WCAG AA × Fail

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 41.5242, 0.3031, 0.3536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

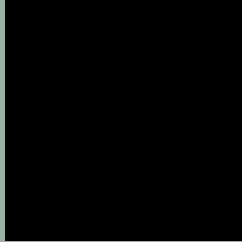
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5242, 0.3031, 0.3536

Background



This preview shows how black text looks on a background with the Yxy color 41.5242, 0.3031, 0.3536.



This preview shows how white text looks on a background with the Yxy color 41.5242, 0.3031, 0.3536.

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

41.5242, 0.3031, 0.3536

Protanopia

41.5574, 0.3311, 0.3482

Deuteranopia

41.1955, 0.3382, 0.3304



Tritanopia

41.5022, 0.2866, 0.3096

Trichromacy



Original Color

41.5242, 0.3031, 0.3536

Protanomaly

41.5982, 0.3206, 0.3514

Deuteranomaly

41.1533, 0.3241, 0.3386

Tritanomaly

41.2739, 0.2925, 0.3247

Monochromacy



Original Color

41.5242, 0.3031, 0.3536

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.4268, 0.3096, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5242, 0.3031, 0.3536 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(152, 179, 162)` looks like.

```
.text, #text, p{  
    color:rgb(152, 179, 162)  
}
```

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(152, 179, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 179, 162) }
```

Border

The CSS property to change the border of an element to Yxy 41.5242, 0.3031, 0.3536 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(152, 179, 162) }
```

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

```
.border{ border-color:rgb(152, 179, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 179, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 179, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 179, 162);  
box-shadow:4px 4px 4px 4px rgb(152, 179,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5242, 0.3031, 0.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 179, 162) }
```

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

```
.background{ background-color: rgb(152,  
179, 162) }
```

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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