

Converting Colors

$Yxy(42.3432, 0.2934, 0.3630)$

Have a look what the booklet for
Yxy(42.3432, 0.2934, 0.3630)
contains.

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Color

Yxy(42.3432, 0.2934, 0.3630)

Conversions

Conversions Part 1

Format	Color
Hex	8BB8A1
RGB	139, 184, 161
RGB Percent	55%, 72%, 63%
CMY	0.4548, 0.2784, 0.3687
CMYK	0.24, 0.00, 0.13, 0.28
HSL	149°, 24%, 63%
HSV	149°, 24%, 72%
XYZ	34.2245, 42.3432, 40.0802
YIQ	167.9230, -19.4370, -16.6930

Conversions

Conversions Part 2

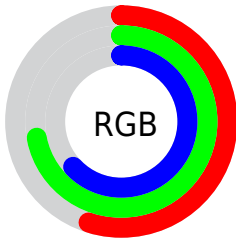
Format	Color
RYB	139, 169, 184
Decimal	9156769
CIELab	71.11, -19.75, 6.85
CIELCh	71, 20.899, 160.870
Yxy	42.3432, 0.2934, 0.3630
Android (android.graphics.Color)	4287346849 (0xFF8BB8A1)
YUV	167.9230, -3.4130, -25.3655
Hunter-Lab	65.0717, -19.9931, 9.0311

Details

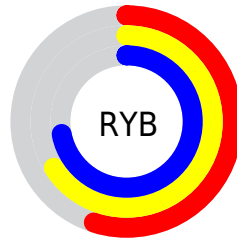
The Yxy color $42.3432, 0.2934, 0.3630$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $31.2769, 0.3378, 0.2974$, and the grayscale version is $39.1462, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.6155, 0.2968, 0.3560$, and $19.4114, 0.2880, 0.3752$ is the 20% darker color. If you saturate the color by 10%, you get $40.5717, 0.2863, 0.3795$, and if you desaturate by 10%, it is $44.4098, 0.3011, 0.3480$.

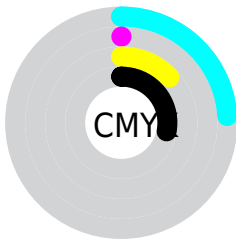
Distribution



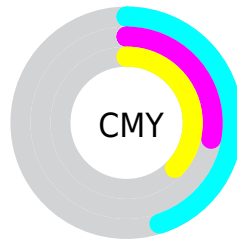
- Red (55%)
- Green (72%)
- Blue (63%)



- Red (55%)
- Yellow (66%)
- Blue (72%)



- Cyan (24%)
- Magenta (0%)
- Yellow (13%)
- Black (28%)





- Cyan (45%)
- Magenta (28%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3432, 0.2934, 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 42.3432, 0.2934, 0.3630 by changing the saturation by 10% instead.


 42.3432, 0.2934,
0.3630


 42.3432, 0.2934,
0.3630


355.9037, 0.3034,
0.3453

 29.3701, 0.2908,
0.3676


 78.7188, 0.2971,
0.3564

 19.3610, 0.2874,
0.3738


 102.8901, 0.2985,
0.3540

 11.9314, 0.2827,
0.3822


 131.5629, 0.2996,
0.3520

 6.6970, 0.2758,
0.3944

165.1216, 0.3006,
0.3502

 3.2733, 0.2650,
0.4140

203.9507, 0.3015,
0.3487

 1.2760, 0.2433,
0.4521

248.4344, 0.3022,

 0.1225, 0.0000,

0.3475

1.0000

298.9573, 0.3028,
0.3463

0.0000, 0.0000,
0.0000

42.3432, 0.2934,
0.3630

42.3432, 0.2934,
0.3630

40.5717, 0.2863,
0.3795

44.4098, 0.3011,
0.3480

39.0762, 0.2800,
0.3973

46.7792, 0.3091,
0.3345

37.8434, 0.2749,
0.4162

49.4653, 0.3172,
0.3225

36.8568, 0.2714,
0.4359

52.4796, 0.3253,
0.3118

36.0978, 0.2696,
0.4559

55.8328, 0.3332,
0.3025

■ 35.5452, 0.2698,
0.4757

■ 59.5355, 0.3408,
0.2943

■ 35.1734, 0.2719,
0.4946

■ 61.0810, 0.3377,
0.2856

■ 35.0151, 0.2735,
0.5047

■ 61.6151, 0.3302,
0.2765

■ 62.1781, 0.3229,
0.2678

Harmonies

Analogous

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



42.3432, 0.3233, 0.3802



42.3432, 0.2934, 0.3630



42.3432, 0.2695, 0.3356

Triad

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



42.3432, 0.2934, 0.3630



42.3432, 0.2740, 0.2794



42.3432, 0.3718, 0.3456

Complementary

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



42.3432, 0.2934, 0.3630



31.2769, 0.3378, 0.2974

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.



42.3432, 0.3573, 0.3205



42.3432, 0.2934, 0.3630



42.3432, 0.2999, 0.2834

Square

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



42.3432, 0.2934, 0.3630



42.3432, 0.2587, 0.2876



42.3432, 0.3306, 0.2982



42.3432, 0.3693, 0.3681

Rectangle

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



42.3432, 0.2934, 0.3630



42.3432, 0.2597, 0.3165



42.3432, 0.3306, 0.2982



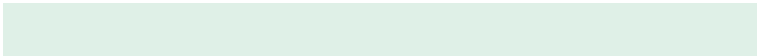
42.3432, 0.3687, 0.3372

Sweetspot

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



42.3450, 0.2934, 0.3630



83.5950, 0.3070, 0.3380



43.8546, 0.3294, 0.3930



17.9652, 0.3065, 0.3388



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



42.3450, 0.2934, 0.3630



75.0760, 0.2897, 0.3711



43.2015, 0.2778, 0.3300



10.1312, 0.3052, 0.3409



24.1471, 0.2729, 0.5025



0.8638, 0.2594, 0.4540

Inverse Universe

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



31.2769, 0.3378, 0.2974



51.7373, 0.3445, 0.2905



30.5537, 0.3621, 0.3281



9.0869, 0.3210, 0.3174



7.5966, 0.4882, 0.2463



0.2803, 0.4340, 0.2164

Previews

White Background



This preview shows how the Yxy color 42.3432, 0.2934, 0.3630 looks on a white background.

Color Contrast Check

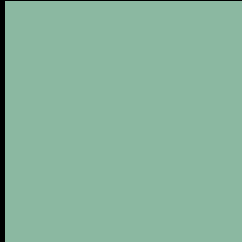
Large Text (above 18pt) WCAG AA × Fail

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 42.3432, 0.2934, 0.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

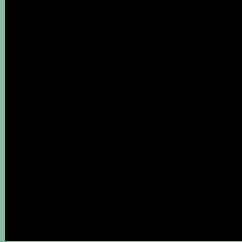
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3432, 0.2934, 0.3630

Background



This preview shows how black text looks on a background with the Yxy color 42.3432, 0.2934, 0.3630.



This preview shows how white text looks on a background with the Yxy color 42.3432, 0.2934, 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

42.3432, 0.2934, 0.3630

Protanopia

42.0775, 0.3354, 0.3535

Deuteranopia

42.1549, 0.3406, 0.3343



Tritanopia

42.1550, 0.2742, 0.3080

Trichromacy



Original Color

42.3432, 0.2934, 0.3630

Protanomaly

41.9856, 0.3193, 0.3572

Deuteranomaly

41.9151, 0.3219, 0.3442

Tritanomaly

42.2648, 0.2812, 0.3275

Monochromacy



Original Color

42.3432, 0.2934, 0.3630

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.1568, 0.3051, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3432, 0.2934, 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(139, 184, 161)` looks like.

```
.text, #text, p{  
    color:rgb(139, 184, 161)  
}
```

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(139, 184, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 184, 161) }
```

Border

The CSS property to change the border of an element to Yxy 42.3432, 0.2934, 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(139, 184, 161) }
```

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

```
.border{ border-color:rgb(139, 184, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 184, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 184, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 184, 161); box-shadow:4px 4px 4px 4px rgb(139, 184, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3432, 0.2934, 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(139, 184, 161) }
```

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

```
.background{ background-color: rgb(139,  
184, 161) }
```

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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