

Converting Colors

$Yxy(42.4276, 0.2980, 0.3648)$

Have a look what the booklet for
Yxy(42.4276, 0.2980, 0.3648)
contains.

Yxy(42.2098, 0.2979, 0.3643)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(42.2098, 0.2979, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	8FB79F
RGB	143, 183, 159
RGB Percent	56%, 72%, 62%
CMY	0.4393, 0.2823, 0.3764
CMYK	0.22, 0.00, 0.13, 0.28
HSL	144°, 22%, 64%
HSV	144°, 22%, 72%
XYZ	34.5163, 42.2098, 39.1394
YIQ	168.3040, -16.1360, -15.9440

Conversions

Conversions Part 2

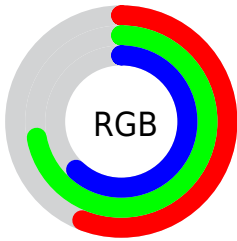
Format	Color
RYB	143, 172, 183
Decimal	9418655
CIELab	71.02, -18.34, 7.82
CIELCh	71, 19.940, 156.906
Yxy	42.2098, 0.2979, 0.3643
Android (android.graphics.Color)	4287608735 (0xFF8FB79F)
YUV	168.3040, -4.5869, -22.1916
Hunter-Lab	64.9691, -18.8636, 9.7602

Details

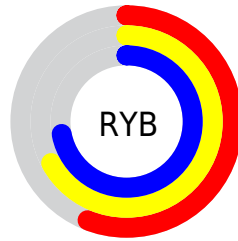
The Yxy color **42.2098, 0.2979, 0.3643** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.4917, 0.3311, 0.2962**, and the grayscale version is **39.3425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.4584, 0.3004, 0.3570**, and **19.3233, 0.2930, 0.3749** is the 20% darker color. If you saturate the color by 10%, you get **40.3458, 0.2916, 0.3833**, and if you desaturate by 10%, it is **44.3775, 0.3046, 0.3471**.

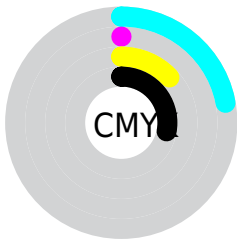
Distribution



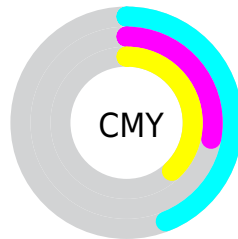
- Red (56%)
- Green (72%)
- Blue (62%)



- Red (56%)
- Yellow (67%)
- Blue (72%)



- Cyan (22%)
- Magenta (0%)
- Yellow (13%)
- Black (28%)





- Cyan (44%)
- Magenta (28%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2098, 0.2979, 0.3643 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 42.2098, 0.2979, 0.3643 by changing the saturation by 10% instead.


 42.2098, 0.2979,
0.3643

 42.2098, 0.2979,
0.3643


355.3519, 0.3056,
0.3459

 29.2656, 0.2959,
0.3691


 78.5171, 0.3008,
0.3574

 19.2818, 0.2932,
0.3755


 102.6489, 0.3019,
0.3549

 11.8741, 0.2894,
0.3843


131.2787, 0.3027,
0.3528

 6.6580, 0.2840,
0.3971

164.7910, 0.3035,
0.3510

 3.2492, 0.2752,
0.4176

203.5700, 0.3042,
0.3495

 1.2632, 0.2581,
0.4584

248.0003, 0.3047,

 0.1124, 0.0000,

0.3481

1.0000

298.4661, 0.3052,
0.3470

■ 0.0000, 0.0000,
0.0000

■ 42.2098, 0.2979,
0.3643

■ 42.2098, 0.2979,
0.3643

■ 40.3458, 0.2916,
0.3833

■ 44.3775, 0.3046,
0.3471

■ 38.7664, 0.2860,
0.4040

■ 46.8565, 0.3114,
0.3317

■ 37.4586, 0.2814,
0.4261


■ 49.6607, 0.3183,
0.3181


■ 36.4060, 0.2782,
0.4491


■ 52.8015, 0.3250,
0.3060


■ 35.5905, 0.2765,
0.4723


■ 56.2898, 0.3315,
0.2955


 34.9916, 0.2766,
0.4950

 60.1360, 0.3377,
0.2863

 34.5848, 0.2786,
0.5163

 61.1730, 0.3307,
0.2761

 34.3570, 0.2812,
0.5322

 61.8290, 0.3222,
0.2659

 62.3508, 0.3160,
0.2585

Harmonies

Analogous

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



42.2098, 0.3267, 0.3788



42.2098, 0.2979, 0.3643



42.2098, 0.2739, 0.3390

Triad

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



42.2098, 0.2979, 0.3643



42.2098, 0.2731, 0.2818



42.2098, 0.3681, 0.3418

Complementary

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



42.2098, 0.2979, 0.3643



32.4917, 0.3311, 0.2962

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.



42.2098, 0.3525, 0.3178



42.2098, 0.2979, 0.3643



42.2098, 0.2968, 0.2842

Square

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



42.2098, 0.2979, 0.3643



42.2098, 0.2600, 0.2914



42.2098, 0.3260, 0.2972



42.2098, 0.3680, 0.3640

Rectangle

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



42.2098, 0.2979, 0.3643



42.2098, 0.2634, 0.3206



42.2098, 0.3260, 0.2972



42.2098, 0.3645, 0.3338

Sweetspot

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



42.2116, 0.2979, 0.3643



81.5143, 0.3078, 0.3395



44.0677, 0.3307, 0.3853



17.9461, 0.3074, 0.3405



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.



42.2116, 0.2979, 0.3643



74.0064, 0.2950, 0.3727



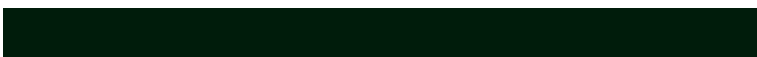
42.9624, 0.2835, 0.3346



10.1182, 0.3063, 0.3430



23.9781, 0.2806, 0.5300



0.8576, 0.2657, 0.4763

Inverse Universe

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



32.4917, 0.3311, 0.2962



53.6567, 0.3358, 0.2890



31.8091, 0.3520, 0.3235



9.1001, 0.3197, 0.3154



7.8165, 0.4523, 0.2265



0.2874, 0.4100, 0.2032

Previews

White Background



This preview shows how the Yxy color 42.2098, 0.2979, 0.3643 looks on a white background.

Color Contrast Check

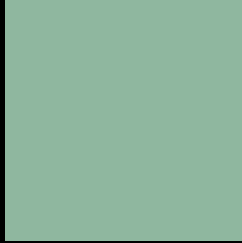
Large Text (above 18pt) WCAG AA × Fail

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 42.2098, 0.2979, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

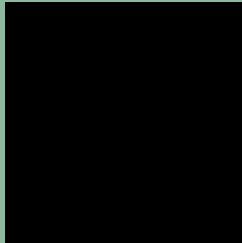
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2098, 0.2979, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 42.2098, 0.2979, 0.3643.



This preview shows how white text looks on a background with the Yxy color 42.2098, 0.2979, 0.3643.

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

42.2098, 0.2979, 0.3643

Protanopia

42.0440, 0.3362, 0.3549

Deuteranopia

41.7154, 0.3426, 0.3356



Tritanopia

42.0361, 0.2785, 0.3094

Trichromacy



Original Color

42.2098, 0.2979, 0.3643

Protanomaly

42.0601, 0.3210, 0.3586

Deuteranomaly

41.5743, 0.3246, 0.3455

Tritanomaly

42.1408, 0.2856, 0.3289

Monochromacy



Original Color

42.2098, 0.2979, 0.3643

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.9747, 0.3069, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2098, 0.2979, 0.3643 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(143, 183, 159)` looks like.

```
.text, #text, p{  
    color:rgb(143, 183, 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(143, 183, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 183, 159) }
```

Border

The CSS property to change the border of an element to Yxy 42.2098, 0.2979, 0.3643 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(143, 183, 159) }
```

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

```
.border{ border-color:rgb(143, 183, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 183, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 183, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 183, 159);  
box-shadow:4px 4px 4px 4px rgb(143, 183,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2098, 0.2979, 0.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 183, 159) }
```

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

```
.background{ background-color: rgb(143,  
183, 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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