

Converting Colors

$Yxy(40.2843, 0.2962, 0.3604)$

Have a look what the booklet for
Yxy(40.2843, 0.2962, 0.3604)
contains.

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Color

Yxy(40.2843, 0.2962, 0.3604)

Conversions

Conversions Part 1

Format	Color
Hex	8CB39E
RGB	140, 179, 158
RGB Percent	55%, 70%, 62%
CMY	0.4510, 0.2980, 0.3803
CMYK	0.22, 0.00, 0.12, 0.30
HSL	148°, 20%, 63%
HSV	148°, 22%, 70%
XYZ	33.1082, 40.2843, 38.3841
YIQ	164.9450, -16.5030, -14.7990

Conversions

Conversions Part 2

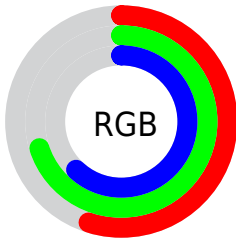
Format	Color
RYB	140, 167, 179
Decimal	9221022
CIELab	69.67, -17.47, 6.43
CIElCh	70, 18.613, 159.805
Yxy	40.2843, 0.2962, 0.3604
Android (android.graphics.Color)	4287411102 (0xFF8CB39E)
YUV	164.9450, -3.4239, -21.8768
Hunter-Lab	63.4699, -17.9602, 8.5727

Details

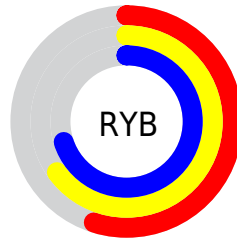
The Yxy color **40.2843, 0.2962, 0.3604** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **30.9146, 0.3334, 0.2996**, and the grayscale version is **37.6233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6901, 0.2991, 0.3539**, and **18.1071, 0.2905, 0.3696** is the 20% darker color. If you saturate the color by 10%, you get **38.5364, 0.2892, 0.3773**, and if you desaturate by 10%, it is **42.3145, 0.3037, 0.3451**.

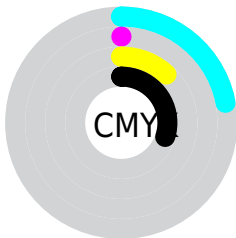
Distribution



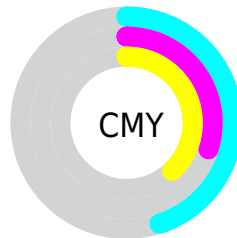
- Red (55%)
- Green (70%)
- Blue (62%)



- Red (55%)
- Yellow (65%)
- Blue (70%)



- Cyan (22%)
- Magenta (0%)
- Yellow (12%)
- Black (30%)





- Cyan (45%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2843, 0.2962, 0.3604 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 40.2843, 0.2962, 0.3604 by changing the saturation by 10% instead.


 40.2843, 0.2962,
0.3604


 40.2843, 0.2962,
0.3604

347.3204, 0.3048,
0.3440


 27.7603, 0.2939,
0.3648


 75.5962, 0.2994,
0.3542

 18.1450, 0.2909,
0.3705


 99.1529, 0.3006,
0.3520

 11.0542, 0.2868,
0.3785


 127.1560, 0.3016,
0.3501

 6.1033, 0.2807,
0.3902

159.9898, 0.3024,
0.3485

 2.9080, 0.2708,
0.4092

198.0388, 0.3032,
0.3471

 1.0839, 0.2472,
0.4532

241.6872, 0.3038,

 0.0000, 0.0000,

0.3459

0.0000

291.3197, 0.3043,
0.3449

■ 40.2843, 0.2962,
0.3604

■ 40.2843, 0.2962,
0.3604

■ 38.5364, 0.2892,
0.3773

■ 42.3145, 0.3037,
0.3451

■ 37.0530, 0.2830,
0.3957

■ 44.6340, 0.3113,
0.3313

■ 35.8219, 0.2778,
0.4154

■ 47.2557, 0.3191,
0.3191

■ 34.8279, 0.2740,
0.4359

■ 50.1901, 0.3267,
0.3083

■ 34.0544, 0.2719,
0.4569

■ 53.4475, 0.3341,
0.2988

■ 33.4820, 0.2717,
0.4777

■ 57.0375, 0.3412,
0.2905

■ 33.0881, 0.2734,
0.4976

■ 58.9619, 0.3395,
0.2819

■ 32.8603, 0.2758,
0.5130

■ 59.5040, 0.3317,
0.2727

■ 60.0764, 0.3240,
0.2638

Harmonies

Analogous

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



40.2843, 0.3234, 0.3754



40.2843, 0.2962, 0.3604



40.2843, 0.2741, 0.3360

Triad

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



40.2843, 0.2962, 0.3604



40.2843, 0.2769, 0.2839



40.2843, 0.3659, 0.3435

Complementary

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



40.2843, 0.2962, 0.3604



30.9146, 0.3334, 0.2996

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.



40.2843, 0.3524, 0.3206



40.2843, 0.2962, 0.3604



40.2843, 0.3002, 0.2872

Square

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



40.2843, 0.2962, 0.3604



40.2843, 0.2633, 0.2920



40.2843, 0.3280, 0.3004



40.2843, 0.3643, 0.3640

Rectangle

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



40.2843, 0.2962, 0.3604



40.2843, 0.2649, 0.3187



40.2843, 0.3280, 0.3004



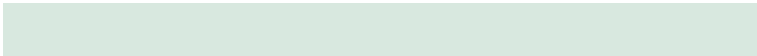
40.2843, 0.3630, 0.3359

Sweetspot

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



40.2860, 0.2962, 0.3604



77.6552, 0.3072, 0.3384



41.7588, 0.3288, 0.3852



17.1509, 0.3068, 0.3393



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.



40.2860, 0.2962, 0.3604



70.6305, 0.2929, 0.3681



40.9933, 0.2823, 0.3317



9.5532, 0.3055, 0.3415



23.2330, 0.2752, 0.5109



0.7428, 0.2601, 0.4563

Inverse Universe

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



30.9146, 0.3334, 0.2996



50.9303, 0.3390, 0.2930



30.2933, 0.3539, 0.3263



8.5792, 0.3206, 0.3168



7.3868, 0.4770, 0.2401



0.2440, 0.4224, 0.2101

Previews

White Background



This preview shows how the Yxy color 40.2843, 0.2962, 0.3604 looks on a white background.

Color Contrast Check

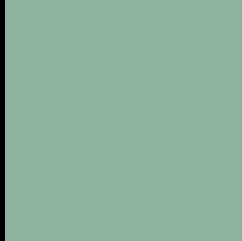
Large Text (above 18pt) WCAG AA × Fail

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 40.2843, 0.2962, 0.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

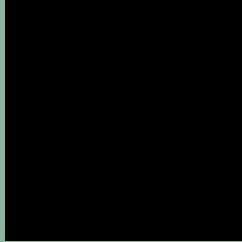
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

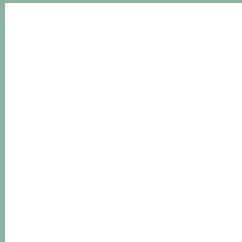
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.2843, 0.2962, 0.3604

Background



This preview shows how black text looks on a background with the Yxy color 40.2843, 0.2962, 0.3604.



This preview shows how white text looks on a background with the Yxy color 40.2843, 0.2962, 0.3604.

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

40.2843, 0.2962, 0.3604

Protanopia

40.0230, 0.3341, 0.3512

Deuteranopia

39.9429, 0.3393, 0.3331



Tritanopia

40.4451, 0.2780, 0.3091

Trichromacy



Original Color

40.2843, 0.2962, 0.3604

Protanomaly

40.1462, 0.3196, 0.3547

Deuteranomaly

39.5719, 0.3223, 0.3416

Tritanomaly

40.1943, 0.2844, 0.3260

Monochromacy



Original Color

40.2843, 0.2962, 0.3604

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.4260, 0.3068, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2843, 0.2962, 0.3604 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(140, 179, 158)` looks like.

```
.text, #text, p{  
    color:rgb(140, 179, 158)  
}
```

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(140, 179, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 179, 158) }
```

Border

The CSS property to change the border of an element to Yxy 40.2843, 0.2962, 0.3604 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(140, 179, 158) }
```

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

```
.border{ border-color:rgb(140, 179, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 179, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 179, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 179, 158);  
box-shadow:4px 4px 4px 4px rgb(140, 179,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2843, 0.2962, 0.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 179, 158) }
```

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

```
.background{ background-color: rgb(140,  
179, 158) }
```

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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