

Converting Colors

$Yxy(40.0765, 0.2941, 0.3757)$

Have a look what the booklet for
Yxy(40.0765, 0.2941, 0.3757)
contains.

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Color

Yxy(40.0279, 0.2935, 0.3752)

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 82B597 |
| RGB | 130, 181, 151 |
| RGB Percent | 51%, 71%, 59% |
| CMY | 0.4903, 0.2902, 0.4079 |
| CMYK | 0.28, 0.00, 0.17, 0.29 |
| HSL | 145°, 26%, 61% |
| HSV | 145°, 28%, 71% |
| XYZ | 31.3118, 40.0279, 35.3445 |
| YIQ | 162.3310, -20.7660, -20.1420 |

Conversions

Conversions Part 2

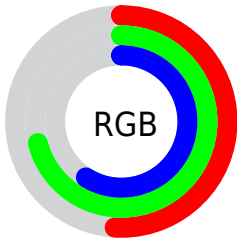
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 130, 166, 181 |
| Decimal | 8566167 |
| CIELab | 69.49, -23.16, 9.94 |
| CIElCh | 69, 25.209, 156.768 |
| Yxy | 40.0279, 0.2935, 0.3752 |
| Android (android.graphics.Color) | 4286756247 (0xFF82B597) |
| YUV | 162.3310, -5.5862, -28.3543 |
| Hunter-Lab | 63.2676, -22.3768, 11.1650 |

Details

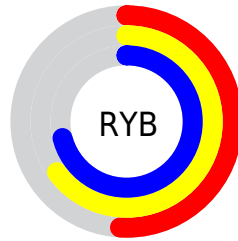
The Yxy color **40.0279, 0.2935, 0.3752** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **28.3233, 0.3383, 0.2870**, and the grayscale version is **36.3267, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1665, 0.2975, 0.3662**, and **18.0207, 0.2873, 0.3909** is the 20% darker color. If you saturate the color by 10%, you get **38.3916, 0.2875, 0.3949**, and if you desaturate by 10%, it is **41.9506, 0.3001, 0.3572**.

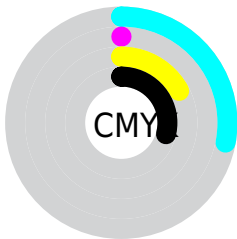
Distribution



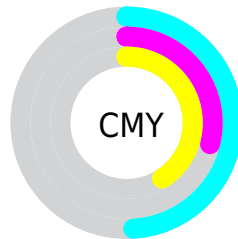
- Red (51%)
- Green (71%)
- Blue (59%)



- Red (51%)
- Yellow (65%)
- Blue (71%)



- Cyan (28%)
- Magenta (0%)
- Yellow (17%)
- Black (29%)





- Cyan (49%)
- Magenta (29%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0279, 0.2935, 0.3752 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 40.0279, 0.2935, 0.3752 by changing the saturation by 10% instead.


 40.0279, 0.2935,
0.3752


 40.0279, 0.2935,
0.3752


346.2412, 0.3037,
0.3508


 27.5603, 0.2907,
0.3818


 75.2060, 0.2974,
0.3660

 17.9945, 0.2871,
0.3905


 98.6853, 0.2988,
0.3626

 10.9460, 0.2819,
0.4026


 126.6039, 0.2999,
0.3598

 6.0305, 0.2742,
0.4207

159.3463, 0.3009,
0.3575

 2.8637, 0.2616,
0.4504

197.2968, 0.3018,
0.3554

 1.0610, 0.2229,
0.5462

240.8399, 0.3025,

 0.0000, 0.0000,

0.3537

0.0000

290.3598, 0.3031,
0.3521

■ 40.0279, 0.2935,
0.3752

■ 40.0279, 0.2935,
0.3752

■ 38.3916, 0.2875,
0.3949

■ 41.9506, 0.3001,
0.3572

■ 37.0226, 0.2824,
0.4161

■ 44.1678, 0.3070,
0.3410

■ 35.9074, 0.2785,
0.4384

■ 46.6932, 0.3140,
0.3265


■ 35.0291, 0.2761,
0.4612

■ 49.5384, 0.3209,
0.3137

■ 34.3688, 0.2756,
0.4839


■ 52.7142, 0.3277,
0.3025

 33.9044, 0.2768,
0.5055

 56.2311, 0.3343,
0.2926

 33.6003, 0.2797,
0.5255

 59.7777, 0.3392,
0.2838

 33.5526, 0.2803,
0.5289

 60.3792, 0.3306,
0.2737

 61.0177, 0.3223,
0.2638

Harmonies

Analogous

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



40.0279, 0.3303, 0.3940



40.0279, 0.2935, 0.3752



40.0279, 0.2631, 0.3418

Triad

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



40.0279, 0.2935, 0.3752



40.0279, 0.2620, 0.2690



40.0279, 0.3842, 0.3445

Complementary

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



40.0279, 0.2935, 0.3752



28.3233, 0.3383, 0.2870

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.



40.0279, 0.3638, 0.3143



40.0279, 0.2935, 0.3752



40.0279, 0.2919, 0.2723

Square

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



40.0279, 0.2935, 0.3752



40.0279, 0.2458, 0.2807



40.0279, 0.3293, 0.2885



40.0279, 0.3839, 0.3729

Rectangle

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



40.0279, 0.2935, 0.3752



40.0279, 0.2500, 0.3178



40.0279, 0.3293, 0.2885



40.0279, 0.3796, 0.3343

Sweetspot

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



40.0296, 0.2935, 0.3752



79.1189, 0.3070, 0.3409



42.1981, 0.3357, 0.4028



16.9650, 0.3060, 0.3432



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.



40.0296, 0.2935, 0.3752



69.7564, 0.2896, 0.3876



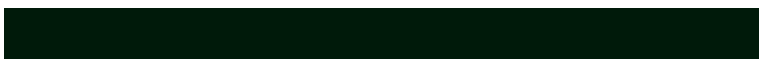
40.9268, 0.2759, 0.3365



9.5462, 0.3062, 0.3427



23.1409, 0.2796, 0.5266



0.7398, 0.2636, 0.4688

Inverse Universe

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



28.3233, 0.3383, 0.2870



45.2360, 0.3460, 0.2772



27.5365, 0.3672, 0.3218



8.5864, 0.3198, 0.3157



7.5112, 0.4563, 0.2287



0.2476, 0.4092, 0.2028

Previews

White Background



This preview shows how the Yxy color 40.0279, 0.2935, 0.3752 looks on a white background.

Color Contrast Check

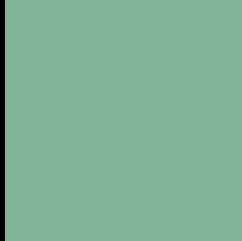
Large Text (above 18pt) WCAG AA × Fail

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 40.0279, 0.2935, 0.3752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

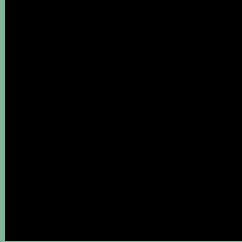
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.0279, 0.2935, 0.3752

Background



This preview shows how black text looks on a background with the Yxy color 40.0279, 0.2935, 0.3752.



This preview shows how white text looks on a background with the Yxy color 40.0279, 0.2935, 0.3752.

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

40.0279, 0.2935, 0.3752

Protanopia

39.8852, 0.3422, 0.3624

Deuteranopia

39.6373, 0.3471, 0.3398



Tritanopia

40.1716, 0.2714, 0.3088

Trichromacy



Original Color

40.0279, 0.2935, 0.3752

Protanomaly

39.5708, 0.3236, 0.3668

Deuteranomaly

39.5176, 0.3255, 0.3517

Tritanomaly

40.1263, 0.2791, 0.3319

Monochromacy



Original Color

40.0279, 0.2935, 0.3752

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.3286, 0.3047, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0279, 0.2935, 0.3752 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(130, 181, 151)` looks like.

```
.text, #text, p{  
    color:rgb(130, 181, 151)  
}
```

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(130, 181, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 181, 151) }
```

Border

The CSS property to change the border of an element to Yxy 40.0279, 0.2935, 0.3752 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(130, 181, 151) }
```

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

```
.border{ border-color:rgb(130, 181, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 181, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 181, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 181, 151);  
box-shadow:4px 4px 4px 4px rgb(130, 181,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0279, 0.2935, 0.3752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 181, 151) }
```

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

```
.background{ background-color: rgb(130,  
181, 151) }
```

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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