

Converting Colors

$Yxy(41.2986, 0.2954, 0.3738)$

Have a look what the booklet for
Yxy(41.2986, 0.2954, 0.3738)
contains.

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Color

Yxy(41.3178, 0.2960, 0.3743)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 87B799 |
| RGB | 135, 183, 153 |
| RGB Percent | 53%, 72%, 60% |
| CMY | 0.4706, 0.2823, 0.4000 |
| CMYK | 0.26, 0.00, 0.16, 0.28 |
| HSL | 143°, 25%, 62% |
| HSV | 143°, 26%, 72% |
| XYZ | 32.6745, 41.3178, 36.3945 |
| YIQ | 165.2280, -18.9780, -19.5060 |

Conversions

Conversions Part 2

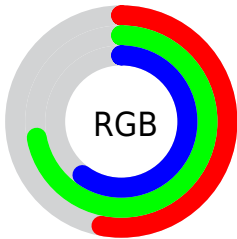
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 135, 170, 183 |
| Decimal | 8894361 |
| CIELab | 70.40, -22.14, 10.16 |
| CIElCh | 70, 24.363, 155.347 |
| Yxy | 41.3178, 0.2960, 0.3743 |
| Android (android.graphics.Color) | 4287084441 (0xFF87B799) |
| YUV | 165.2280, -6.0284, -26.5100 |
| Hunter-Lab | 64.2789, -21.7523, 11.4254 |

Details

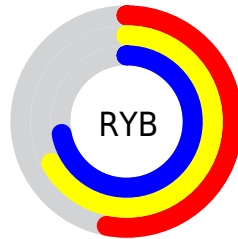
The Yxy color **41.3178, 0.2960, 0.3743** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.1096, 0.3343, 0.2877**, and the grayscale version is **37.7786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0568, 0.2995, 0.3656**, and **18.8094, 0.2906, 0.3894** is the 20% darker color. If you saturate the color by 10%, you get **39.5700, 0.2903, 0.3950**, and if you desaturate by 10%, it is **43.3662, 0.3022, 0.3555**.

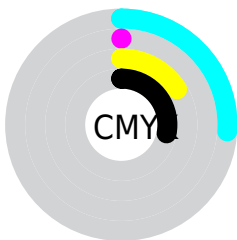
Distribution



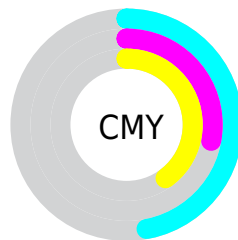
- Red (53%)
- Green (72%)
- Blue (60%)



- Red (53%)
- Yellow (67%)
- Blue (72%)



- Cyan (26%)
- Magenta (0%)
- Yellow (16%)
- Black (28%)





- Cyan (47%)
- Magenta (28%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3178, 0.2960, 0.3743 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 41.3178, 0.2960, 0.3743 by changing the saturation by 10% instead.


 41.3178, 0.2960,
0.3743


 41.3178, 0.2960,
0.3743


351.6471, 0.3049,
0.3505

 28.5675, 0.2936,
0.3806


 77.1661, 0.2994,
0.3654

 18.7539, 0.2904,
0.3891

 101.0329, 0.3006,
0.3621

 11.4926, 0.2860,
0.4007


 129.3739, 0.3016,
0.3594

 6.3992, 0.2794,
0.4179

162.5736, 0.3024,
0.3570

 3.0893, 0.2685,
0.4458

201.0164, 0.3032,
0.3551

 1.1785, 0.2433,
0.5180

245.0867, 0.3038,

 0.0441, 0.0000,

0.3533

1.0000

295.1688, 0.3044,
0.3518

0.0000, 0.0000,
0.0000

41.3178, 0.2960,
0.3743

41.3178, 0.2960,
0.3743

39.5700, 0.2903,
0.3950

43.3662, 0.3022,
0.3555

38.1031, 0.2853,
0.4173

45.7233, 0.3087,
0.3386

36.9035, 0.2815,
0.4408

48.4035, 0.3152,
0.3236

35.9539, 0.2791,
0.4650

51.4185, 0.3216,
0.3103

35.2350, 0.2783,
0.4889

54.7795, 0.3278,
0.2987

■ 34.7248, 0.2794,
0.5117

■ 58.4973, 0.3337,
0.2886

■ 34.3943, 0.2821,
0.5324

■ 61.0142, 0.3329,
0.2787

■ 34.2948, 0.2833,
0.5397

■ 61.6891, 0.3240,
0.2680

■ 62.3490, 0.3160,
0.2585

Harmonies

Analogous

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



41.3178, 0.3313, 0.3914



41.3178, 0.2960, 0.3743



41.3178, 0.2663, 0.3429

Triad

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



41.3178, 0.2960, 0.3743



41.3178, 0.2630, 0.2717



41.3178, 0.3806, 0.3426

Complementary

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



41.3178, 0.2960, 0.3743



30.1096, 0.3343, 0.2877

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.



41.3178, 0.3602, 0.3136



41.3178, 0.2960, 0.3743



41.3178, 0.2913, 0.2741

Square

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



41.3178, 0.2960, 0.3743



41.3178, 0.2482, 0.2837



41.3178, 0.3269, 0.2892



41.3178, 0.3813, 0.3701

Rectangle

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



41.3178, 0.2960, 0.3743



41.3178, 0.2533, 0.3199



41.3178, 0.3269, 0.2892



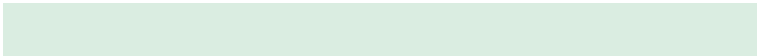
41.3178, 0.3758, 0.3328

Sweetspot

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



41.3195, 0.2960, 0.3743



81.0407, 0.3074, 0.3416



43.6603, 0.3356, 0.3970



17.7545, 0.3065, 0.3441



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.



41.3195, 0.2960, 0.3743



72.2804, 0.2929, 0.3850



42.1777, 0.2793, 0.3383



10.1144, 0.3066, 0.3436



23.9356, 0.2826, 0.5375



0.8560, 0.2675, 0.4828

Inverse Universe

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



30.1096, 0.3343, 0.2877



49.0814, 0.3398, 0.2791



29.3284, 0.3605, 0.3201



9.1040, 0.3193, 0.3148



7.8893, 0.4420, 0.2209



0.2897, 0.4032, 0.1995

Previews

White Background



This preview shows how the Yxy color 41.3178, 0.2960, 0.3743 looks on a white background.

Color Contrast Check

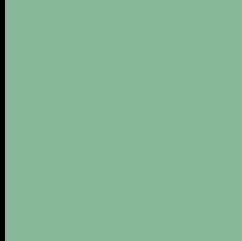
Large Text (above 18pt) WCAG AA × Fail

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 41.3178, 0.2960, 0.3743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

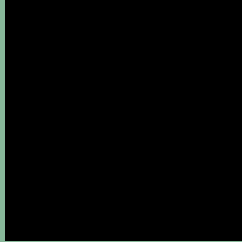
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3178, 0.2960, 0.3743

Background



This preview shows how black text looks on a background with the Yxy color 41.3178, 0.2960, 0.3743.



This preview shows how white text looks on a background with the Yxy color 41.3178, 0.2960, 0.3743.

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

41.3178, 0.2960, 0.3743

Protanopia

40.9357, 0.3419, 0.3621

Deuteranopia

40.8139, 0.3477, 0.3396



Tritanopia

41.3973, 0.2732, 0.3091

Trichromacy



Original Color

41.3178, 0.2960, 0.3743

Protanomaly

40.7224, 0.3244, 0.3663

Deuteranomaly

40.7896, 0.3272, 0.3513

Tritanomaly

41.3458, 0.2809, 0.3318

Monochromacy



Original Color

41.3178, 0.2960, 0.3743

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.9483, 0.3057, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3178, 0.2960, 0.3743 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(135, 183, 153)` looks like.

```
.text, #text, p{  
    color:rgb(135, 183, 153)  
}
```

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(135, 183, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 183, 153) }
```

Border

The CSS property to change the border of an element to Yxy 41.3178, 0.2960, 0.3743 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(135, 183, 153) }
```

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

```
.border{ border-color:rgb(135, 183, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 183, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 183, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 183, 153);  
box-shadow:4px 4px 4px 4px rgb(135, 183,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3178, 0.2960, 0.3743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 183, 153) }
```

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

```
.background{ background-color: rgb(135,  
183, 153) }
```

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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