

Converting Colors

$Yxy(40.8537, 0.2963, 0.3787)$

Have a look what the booklet for
Yxy(40.8537, 0.2963, 0.3787)
contains.

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Color

Yxy(41.0555, 0.2966, 0.3793)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 85B796 |
| RGB | 133, 183, 150 |
| RGB Percent | 52%, 72%, 59% |
| CMY | 0.4786, 0.2823, 0.4118 |
| CMYK | 0.27, 0.00, 0.18, 0.28 |
| HSL | 140°, 26%, 62% |
| HSV | 140°, 27%, 72% |
| XYZ | 32.1040, 41.0555, 35.0806 |
| YIQ | 164.2880, -19.2070, -20.8630 |

Conversions

Conversions Part 2

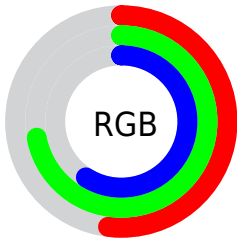
| Format | Color |
|-------------------------------------|---|
| RYB | 133, 170, 183 |
| Decimal | 8763286 |
| CIELab | 70.21, -23.40, 11.54 |
| CIELCh | 70, 26.093, 153.758 |
| Yxy | 41.0555, 0.2966, 0.3793 |
| Android (android.graphics.Color) | 4286953366 (0xFF85B796) |
| YUV | 164.2880, -7.0440, -27.4396 |
| Hunter-Lab | 64.0746, -22.6945, 12.3911 |

Details

The Yxy color **41.0555, 0.2966, 0.3793** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **29.5819, 0.3335, 0.2836**, and the grayscale version is **37.3051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6574, 0.3000, 0.3693**, and **18.6600, 0.2914, 0.3965** is the 20% darker color. If you saturate the color by 10%, you get **39.3267, 0.2913, 0.4014**, and if you desaturate by 10%, it is **43.0873, 0.3023, 0.3591**.

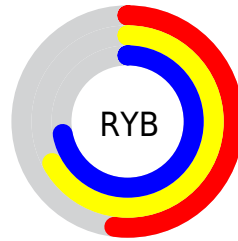
Distribution



Red (52%)

Green (72%)

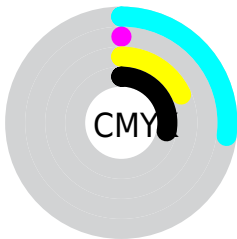
Blue (59%)



Red (52%)

Yellow (67%)

Blue (72%)

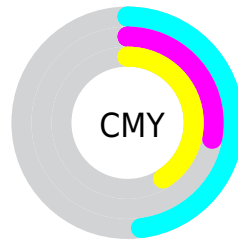


Cyan (27%)

Magenta (0%)

Yellow (18%)

Black (28%)



Cyan (48%)


Magenta (28%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0555, 0.2966, 0.3793 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 41.0555, 0.2966, 0.3793 by changing the saturation by 10% instead.


 41.0555, 0.2966,
0.3793


 41.0555, 0.2966,
0.3793


350.5525, 0.3052,
0.3528


 28.3625, 0.2942,
0.3864


 76.7681, 0.2999,
0.3693

 18.5991, 0.2911,
0.3958


 100.5565, 0.3011,
0.3657

 11.3809, 0.2866,
0.4090


 128.8121, 0.3021,
0.3626

 6.3237, 0.2799,
0.4284

161.9194, 0.3029,
0.3600

 3.0429, 0.2686,
0.4600

200.2626, 0.3036,
0.3578

 1.1542, 0.2418,
0.5543

244.2263, 0.3042,

 0.0238, 0.0000,

0.3559

1.0000

294.1948, 0.3048,
0.3542

0.0000, 0.0000,
0.0000

41.0555, 0.2966,
0.3793

41.0555, 0.2966,
0.3793

39.3267, 0.2913,
0.4014

43.0873, 0.3023,
0.3591

37.8812, 0.2868,
0.4252

45.4305, 0.3083,
0.3410

36.7045, 0.2834,
0.4502

48.0998, 0.3143,
0.3249

35.7793, 0.2814,
0.4756

51.1072, 0.3202,
0.3108

35.0857, 0.2810,
0.5005

54.4641, 0.3259,
0.2984

■ 34.6008, 0.2823,
0.5237

■ 58.1814, 0.3314,
0.2875

■ 34.2918, 0.2851,
0.5443

■ 61.1025, 0.3317,
0.2773

■ 34.2244, 0.2859,
0.5493

■ 61.8222, 0.3223,
0.2661

■ 62.3534, 0.3160,
0.2585

Harmonies

Analogous

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



41.0555, 0.3345, 0.3965



41.0555, 0.2966, 0.3793



41.0555, 0.2644, 0.3459

Triad

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



41.0555, 0.2966, 0.3793



41.0555, 0.2583, 0.2680



41.0555, 0.3850, 0.3416

Complementary

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



41.0555, 0.2966, 0.3793



29.5819, 0.3335, 0.2836

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.



41.0555, 0.3621, 0.3109



41.0555, 0.2966, 0.3793



41.0555, 0.2878, 0.2699

Square

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



41.0555, 0.2966, 0.3793



41.0555, 0.2434, 0.2815



41.0555, 0.3258, 0.2854



41.0555, 0.3868, 0.3713

Rectangle

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



41.0555, 0.2966, 0.3793



41.0555, 0.2500, 0.3210



41.0555, 0.3258, 0.2854



41.0555, 0.3794, 0.3312

Sweetspot

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



41.0572, 0.2966, 0.3793



81.0045, 0.3078, 0.3424



43.7077, 0.3381, 0.3998



17.7452, 0.3069, 0.3450



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.



41.0572, 0.2966, 0.3793



71.5400, 0.2933, 0.3928



41.9378, 0.2791, 0.3412



10.1092, 0.3071, 0.3445



23.8827, 0.2853, 0.5471



0.8538, 0.2699, 0.4916

Inverse Universe

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



29.5819, 0.3335, 0.2836



47.4678, 0.3396, 0.2730



28.7614, 0.3612, 0.3173



9.1094, 0.3188, 0.3140



7.9945, 0.4284, 0.2133



0.2929, 0.3942, 0.1945

Previews

White Background



This preview shows how the Yxy color 41.0555, 0.2966, 0.3793 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 41.0555, 0.2966, 0.3793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

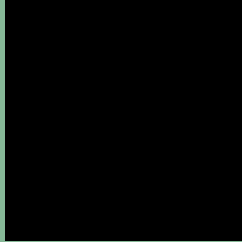
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0555, 0.2966, 0.3793

Background



This preview shows how black text looks on a background with the Yxy color 41.0555, 0.2966, 0.3793.



This preview shows how white text looks on a background with the Yxy color 41.0555, 0.2966, 0.3793.

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

41.0555, 0.2966, 0.3793

Protanopia

40.8427, 0.3445, 0.3663

Deuteranopia

40.7127, 0.3505, 0.3436



Tritanopia

40.8686, 0.2730, 0.3090

Trichromacy



Original Color

41.0555, 0.2966, 0.3793

Protanomaly

40.5218, 0.3260, 0.3708

Deuteranomaly

40.5756, 0.3288, 0.3557

Tritanomaly

40.7781, 0.2815, 0.3333

Monochromacy



Original Color

41.0555, 0.2966, 0.3793

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.4013, 0.3065, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0555, 0.2966, 0.3793 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(133, 183, 150)` looks like.

```
.text, #text, p{  
    color:rgb(133, 183, 150)  
}
```

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(133, 183, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 183, 150) }
```

Border

The CSS property to change the border of an element to Yxy 41.0555, 0.2966, 0.3793 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(133, 183, 150) }
```

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

```
.border{ border-color:rgb(133, 183, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 183, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 183, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 183, 150);  
box-shadow:4px 4px 4px 4px rgb(133, 183,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0555, 0.2966, 0.3793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 183, 150) }
```

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

```
.background{ background-color: rgb(133,  
183, 150) }
```

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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