

Converting Colors

$Yxy(47.5769, 0.2980, 0.3851)$

Have a look what the booklet for
Yxy(47.5769, 0.2980, 0.3851)
contains.

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Color

Yxy(47.5769, 0.2980, 0.3851)

Conversions

Conversions Part 1

Format	Color
Hex	8DC49D
RGB	141, 196, 157
RGB Percent	55%, 77%, 62%
CMY	0.4469, 0.2314, 0.3842
CMYK	0.28, 0.00, 0.20, 0.23
HSL	137°, 32%, 66%
HSV	137°, 28%, 77%
XYZ	36.8162, 47.5769, 39.1512
YIQ	175.1090, -20.2610, -23.7890

Conversions

Conversions Part 2

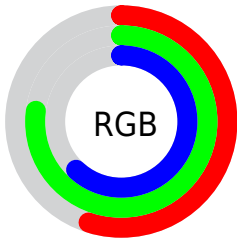
Format	Color
RYB	141, 184, 196
Decimal	9290909
CIELab	74.56, -25.86, 13.91
CIElCh	75, 29.362, 151.714
Yxy	47.5769, 0.2980, 0.3851
Android (android.graphics.Color)	4287480989 (0xFF8DC49D)
YUV	175.1090, -8.9277, -29.9136
Hunter-Lab	68.9760, -25.4330, 14.6299

Details

The Yxy color **47.5769, 0.2980, 0.3851** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.0913, 0.3316, 0.2789**, and the grayscale version is **42.9894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7398, 0.3009, 0.3741**, and **22.5105, 0.2926, 0.4018** is the 20% darker color. If you saturate the color by 10%, you get **45.5614, 0.2933, 0.4093**, and if you desaturate by 10%, it is **49.9544, 0.3031, 0.3631**.

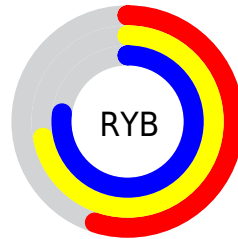
Distribution



Red (55%)

Green (77%)

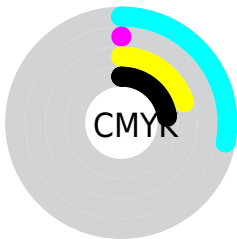
Blue (62%)



Red (55%)

Yellow (72%)

Blue (77%)

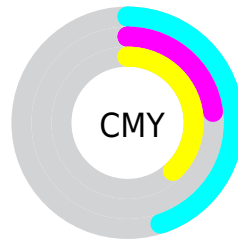


Cyan (28%)

Magenta (0%)

Yellow (20%)

Black (23%)



Cyan (45%)


Magenta (23%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5769, 0.2980, 0.3851 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 47.5769, 0.2980, 0.3851 by changing the saturation by 10% instead.


 47.5769, 0.2980,
0.3851


 47.5769, 0.2980,
0.3851

377.1126, 0.3058,
0.3561


 33.4919, 0.2959,
0.3926


 86.5741, 0.3010,
0.3743

 22.5036, 0.2931,
0.4025


 112.2552, 0.3020,
0.3704

 14.2274, 0.2891,
0.4160


 142.5704, 0.3029,
0.3670

 8.2790, 0.2833,
0.4354

177.9041, 0.3037,
0.3642

 4.2740, 0.2738,
0.4656

218.6409, 0.3044,
0.3618

 1.8280, 0.2568,
0.5205

265.1649, 0.3049,

 0.5045, 0.0000,

0.3596

1.0000

317.8607, 0.3054,
0.3578

0.0000, 0.0000,
0.0000

47.5769, 0.2980,
0.3851

47.5769, 0.2980,
0.3851

45.5614, 0.2933,
0.4093

49.9544, 0.3031,
0.3631

43.8842, 0.2893,
0.4352

52.7046, 0.3084,
0.3433

42.5278, 0.2864,
0.4622

55.8449, 0.3138,
0.3257

41.4708, 0.2847,
0.4893

59.3900, 0.3190,
0.3103

40.6891, 0.2847,
0.5153

63.3538, 0.3240,
0.2969

■ 40.1547, 0.2862,
0.5388

■ 67.0536, 0.3260,
0.2848

■ 39.8261, 0.2890,
0.5589

■ 67.9135, 0.3159,
0.2719

■ 39.7734, 0.2896,
0.5624

■ 67.9578, 0.3154,
0.2712

Harmonies

Analogous

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



47.5769, 0.3385, 0.4020



47.5769, 0.2980, 0.3851



47.5769, 0.2629, 0.3498

Triad

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



47.5769, 0.2980, 0.3851



47.5769, 0.2530, 0.2644



47.5769, 0.3892, 0.3399

Complementary

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



47.5769, 0.2980, 0.3851



34.0913, 0.3316, 0.2789

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.



47.5769, 0.3633, 0.3075



47.5769, 0.2980, 0.3851



47.5769, 0.2834, 0.2654

Square

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



47.5769, 0.2980, 0.3851



47.5769, 0.2383, 0.2796



47.5769, 0.3237, 0.2810



47.5769, 0.3927, 0.3720

Rectangle

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



47.5769, 0.2980, 0.3851



47.5769, 0.2469, 0.3229



47.5769, 0.3237, 0.2810



47.5769, 0.3828, 0.3288

Sweetspot

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



47.5789, 0.2980, 0.3851



95.4372, 0.3084, 0.3434



51.1562, 0.3412, 0.4015



20.2551, 0.3076, 0.3463



0.0000, 0.0000, 0.0000



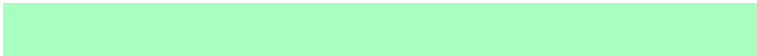
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.5789, 0.2980, 0.3851



83.7514, 0.2949, 0.4006



48.6081, 0.2800, 0.3455



11.3060, 0.3077, 0.3458



25.5707, 0.2889, 0.5600



1.1172, 0.2758, 0.5127

Inverse Universe

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



34.0913, 0.3316, 0.2789



55.0769, 0.3371, 0.2670



33.0937, 0.3601, 0.3133



10.1960, 0.3181, 0.3128



8.7538, 0.4101, 0.2033



0.3897, 0.3858, 0.1899

Previews

White Background



This preview shows how the Yxy color 47.5769, 0.2980, 0.3851 looks on a white background.

Color Contrast Check

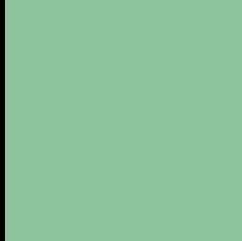
Large Text (above 18pt) WCAG AA × Fail

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 47.5769, 0.2980, 0.3851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

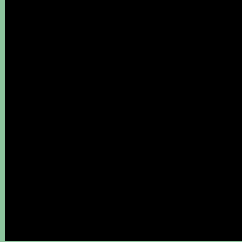
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.5769, 0.2980, 0.3851

Background



This preview shows how black text looks on a background with the Yxy color 47.5769, 0.2980, 0.3851.



This preview shows how white text looks on a background with the Yxy color 47.5769, 0.2980, 0.3851.

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

47.5769, 0.2980, 0.3851

Protanopia

46.9954, 0.3487, 0.3706

Deuteranopia

47.0338, 0.3546, 0.3477



Tritanopia

47.2870, 0.2718, 0.3075

Trichromacy



Original Color

47.5769, 0.2980, 0.3851

Protanomaly

46.8392, 0.3282, 0.3752

Deuteranomaly

46.5954, 0.3321, 0.3595

Tritanomaly

47.5332, 0.2811, 0.3344

Monochromacy



Original Color

47.5769, 0.2980, 0.3851

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

44.4807, 0.3075, 0.3498

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5769, 0.2980, 0.3851 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(141, 196, 157)` looks like.

```
.text, #text, p{  
    color:rgb(141, 196, 157)  
}
```

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(141, 196, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 196, 157) }
```

Border

The CSS property to change the border of an element to Yxy 47.5769, 0.2980, 0.3851 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(141, 196, 157) }
```

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

```
.border{ border-color:rgb(141, 196, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 196, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 196, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 196, 157);  
box-shadow:4px 4px 4px 4px rgb(141, 196,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5769, 0.2980, 0.3851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 196, 157) }
```

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

```
.background{ background-color: rgb(141,  
196, 157) }
```

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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