

Converting Colors

$Yxy(42.3828, 0.2948, 0.3923)$

Have a look what the booklet for
Yxy(42.3828, 0.2948, 0.3923)
contains.

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Color

Yxy(42.5538, 0.2950, 0.3933)

Conversions

Conversions Part 1

Format	Color
Hex	7FBC92
RGB	127, 188, 146
RGB Percent	50%, 74%, 57%
CMY	0.5022, 0.2627, 0.4275
CMYK	0.32, 0.00, 0.22, 0.26
HSL	139°, 31%, 62%
HSV	139°, 32%, 74%
XYZ	31.9181, 42.5538, 33.7249
YIQ	164.9730, -22.8740, -25.9940

Conversions

Conversions Part 2

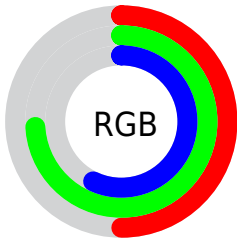
Format	Color
RYB	127, 174, 188
Decimal	8371346
CIELab	71.25, -28.54, 15.11
CIELCh	71, 32.298, 152.100
Yxy	42.5538, 0.2950, 0.3933
Android (android.graphics.Color)	4286561426 (0xFF7FBC92)
YUV	164.9730, -9.3537, -33.3023
Hunter-Lab	65.2333, -26.8198, 15.0110

Details

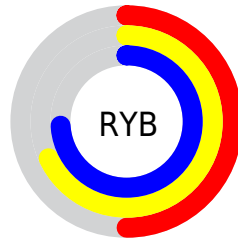
The Yxy color **42.5538, 0.2950, 0.3933** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **28.7218, 0.3367, 0.2725**, and the grayscale version is **37.6628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2987, 0.2986, 0.3810**, and **19.3723, 0.2888, 0.4147** is the 20% darker color. If you saturate the color by 10%, you get **40.8648, 0.2904, 0.4174**, and if you desaturate by 10%, it is **44.5612, 0.3002, 0.3711**.

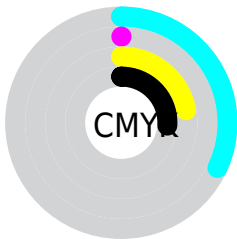
Distribution



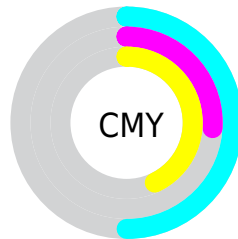
- Red (50%)
- Green (74%)
- Blue (57%)



- Red (50%)
- Yellow (68%)
- Blue (74%)



- Cyan (32%)
- Magenta (0%)
- Yellow (22%)
- Black (26%)





- Cyan (50%)
- Magenta (26%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5538, 0.2950, 0.3933 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 42.5538, 0.2950, 0.3933 by changing the saturation by 10% instead.


 42.5538, 0.2950,
0.3933


 42.5538, 0.2950,
0.3933


356.7735, 0.3047,
0.3593


 29.5352, 0.2923,
0.4024


 79.0371, 0.2987,
0.3805

 19.4860, 0.2887,
0.4145


 103.2706, 0.3000,
0.3758

 12.0220, 0.2835,
0.4313


 132.0111, 0.3011,
0.3719

 6.7587, 0.2756,
0.4561

165.6431, 0.3021,
0.3686

 3.3116, 0.2622,
0.4962

204.5509, 0.3029,
0.3658

 1.2965, 0.2338,
0.6224

249.1190, 0.3035,

 0.1385, 0.0000,

0.3634

1.0000

299.7318, 0.3041,
0.3612

■ 0.0000, 0.0000,
0.0000

■ 42.5538, 0.2950,
0.3933

■ 42.5538, 0.2950,
0.3933

■ 40.8648, 0.2904,
0.4174

■ 44.5612, 0.3002,
0.3711

■ 39.4724, 0.2866,
0.4430

■ 46.8971, 0.3057,
0.3510

■ 38.3602, 0.2841,
0.4694


■ 49.5774, 0.3113,
0.3331

■ 37.5082, 0.2830,
0.4955


■ 52.6156, 0.3169,
0.3173


■ 36.8934, 0.2836,
0.5203


■ 56.0244, 0.3223,
0.3034


 36.4887, 0.2858,
0.5424

 59.8158, 0.3275,
0.2914

 36.2843, 0.2880,
0.5569

 63.3203, 0.3296,
0.2804

 64.1020, 0.3198,
0.2684

 64.4521, 0.3158,
0.2634

Harmonies

Analogous

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



42.5538, 0.3411, 0.4128



42.5538, 0.2950, 0.3933



42.5538, 0.2556, 0.3520

Triad

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



42.5538, 0.2950, 0.3933



42.5538, 0.2454, 0.2557



42.5538, 0.4004, 0.3412

Complementary

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



42.5538, 0.2950, 0.3933



28.7218, 0.3367, 0.2725

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.



42.5538, 0.3710, 0.3049



42.5538, 0.2950, 0.3933



42.5538, 0.2798, 0.2575

Square

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



42.5538, 0.2950, 0.3933



42.5538, 0.2287, 0.2722



42.5538, 0.3257, 0.2751



42.5538, 0.4038, 0.3775

Rectangle

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



42.5538, 0.2950, 0.3933



42.5538, 0.2379, 0.3210



42.5538, 0.3257, 0.2751



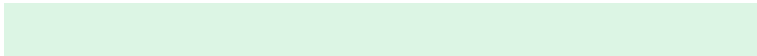
42.5538, 0.3932, 0.3288

Sweetspot

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



42.5556, 0.2950, 0.3933



86.0486, 0.3070, 0.3467



46.0151, 0.3445, 0.4136



18.3640, 0.3062, 0.3493



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



42.5556, 0.2950, 0.3933



74.8636, 0.2916, 0.4104



43.6069, 0.2748, 0.3469



10.6974, 0.3075, 0.3452



24.7124, 0.2874, 0.5547



0.9801, 0.2731, 0.5033

Inverse Universe

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



28.7218, 0.3367, 0.2725



45.8824, 0.3437, 0.2600



27.7275, 0.3715, 0.3122



9.6442, 0.3184, 0.3133



8.3785, 0.4177, 0.2075



0.3395, 0.3893, 0.1918

Previews

White Background



This preview shows how the Yxy color 42.5538, 0.2950, 0.3933 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 42.5538, 0.2950, 0.3933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

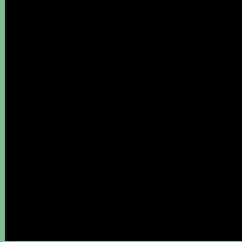
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5538, 0.2950, 0.3933

Background



This preview shows how black text looks on a background with the Yxy color 42.5538, 0.2950, 0.3933.



This preview shows how white text looks on a background with the Yxy color 42.5538, 0.2950, 0.3933.

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

42.5538, 0.2950, 0.3933

Protanopia

41.9416, 0.3523, 0.3753

Deuteranopia

41.9816, 0.3586, 0.3511



Tritanopia

42.3516, 0.2674, 0.3078

Trichromacy



Original Color

42.5538, 0.2950, 0.3933

Protanomaly

41.5803, 0.3288, 0.3807

Deuteranomaly

41.7141, 0.3327, 0.3653

Tritanomaly

42.4819, 0.2770, 0.3377

Monochromacy



Original Color

42.5538, 0.2950, 0.3933

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.9351, 0.3055, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5538, 0.2950, 0.3933 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(127, 188, 146)` looks like.

```
.text, #text, p{  
    color:rgb(127, 188, 146)  
}
```

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(127, 188, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 188, 146) }
```

Border

The CSS property to change the border of an element to Yxy 42.5538, 0.2950, 0.3933 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(127, 188, 146) }
```

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

```
.border{ border-color:rgb(127, 188, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 188, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 188, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 188, 146);  
box-shadow:4px 4px 4px 4px rgb(127, 188,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5538, 0.2950, 0.3933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 188, 146) }
```

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

```
.background{ background-color: rgb(127,  
188, 146) }
```

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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