

Converting Colors

$Yxy(41.3397, 0.3288, 0.4170)$

Have a look what the booklet for
Yxy(41.3397, 0.3288, 0.4170)
contains.

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Color

Yxy(41.2070, 0.3288, 0.4158)

Conversions

Conversions Part 1

Format	Color
Hex	94B67C
RGB	148, 182, 124
RGB Percent	58%, 71%, 49%
CMY	0.4194, 0.2863, 0.5137
CMYK	0.19, 0.00, 0.32, 0.29
HSL	95°, 28%, 60%
HSV	95°, 32%, 71%
XYZ	32.5850, 41.2070, 25.3109
YIQ	165.2220, -1.6460, -25.2460

Conversions

Conversions Part 2

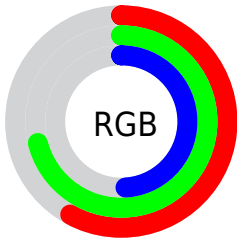
Format	Color
RYB	124, 182, 158
Decimal	9746044
CIELab	70.32, -22.13, 25.86
CIELCh	70, 34.032, 130.560
Yxy	41.2070, 0.3288, 0.4158
Android (android.graphics.Color)	4287936124 (0xFF94B67C)
YUV	165.2220, -20.3224, -15.1037
Hunter-Lab	64.1927, -21.7282, 21.5571

Details

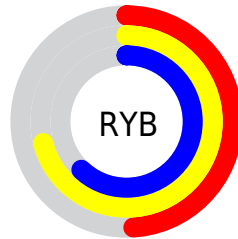
The Yxy color **41.2070, 0.3288, 0.4158** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **25.0636, 0.2907, 0.2449**, and the grayscale version is **37.8438, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0199, 0.3266, 0.3985**, and **18.6817, 0.3316, 0.4454** is the 20% darker color. If you saturate the color by 10%, you get **39.8410, 0.3328, 0.4464**, and if you desaturate by 10%, it is **42.7532, 0.3241, 0.3864**.

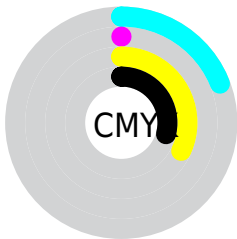
Distribution



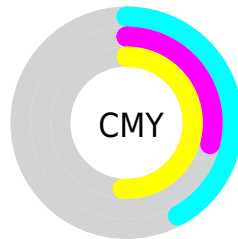
- Red (58%)
- Green (71%)
- Blue (49%)



- Red (49%)
- Yellow (71%)
- Blue (62%)



- Cyan (19%)
- Magenta (0%)
- Yellow (32%)
- Black (29%)





- Cyan (42%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2070, 0.3288, 0.4158 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 41.2070, 0.3288, 0.4158 by changing the saturation by 10% instead.


 41.2070, 0.3288,
0.4158


 41.2070, 0.3288,
0.4158


351.1850, 0.3217,
0.3698


 28.4809, 0.3301,
0.4281


 76.9980, 0.3265,
0.3985

 18.6885, 0.3316,
0.4442


 100.8317, 0.3256,
0.3922

 11.4454, 0.3329,
0.4665


 129.1367, 0.3247,
0.3869

 6.3672, 0.3333,
0.4988

162.2974, 0.3240,
0.3825

 3.0697, 0.3323,
0.5522

200.6982, 0.3233,
0.3786

 1.1682, 0.3184,
0.6816

244.7234, 0.3227,

 0.0355, 0.0000,

0.3753

1.0000

294.7576, 0.3222,
0.3724

■ 0.0000, 0.0000,
0.0000

■ 41.2070, 0.3288,
0.4158

■ 41.2070, 0.3288,
0.4158

■ 39.8410, 0.3328,
0.4464

■ 42.7532, 0.3241,
0.3864

■ 38.6425, 0.3356,
0.4771

■ 44.4807, 0.3190,
0.3588

■ 37.6057, 0.3369,
0.5063


■ 46.3978, 0.3137,
0.3334

■ 36.7223, 0.3365,
0.5326

■ 48.5105, 0.3084,
0.3105

■ 35.9827, 0.3342,
0.5543

■ 50.8243, 0.3033,
0.2899

 35.3763, 0.3300,
0.5702

 53.3448, 0.2984,
0.2716

 34.9657, 0.3258,
0.5795

 56.0771, 0.2938,
0.2553

 58.0491, 0.2994,
0.2538

 59.9007, 0.3076,
0.2556

Harmonies

Analogous

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



41.2070, 0.3748, 0.4148



41.2070, 0.3288, 0.4158



41.2070, 0.2806, 0.3870

Triad

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



41.2070, 0.3288, 0.4158



41.2070, 0.2266, 0.2616



41.2070, 0.3860, 0.3137

Complementary

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



41.2070, 0.3288, 0.4158



25.0636, 0.2907, 0.2449

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.



41.2070, 0.3408, 0.2797



41.2070, 0.3288, 0.4158



41.2070, 0.2498, 0.2500

Square

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



41.2070, 0.3288, 0.4158



41.2070, 0.2242, 0.2927



41.2070, 0.2905, 0.2570



41.2070, 0.4102, 0.3528

Rectangle

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



41.2070, 0.3288, 0.4158



41.2070, 0.2538, 0.3560



41.2070, 0.2905, 0.2570



41.2070, 0.3725, 0.3014

Sweetspot

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



41.2088, 0.3288, 0.4158



81.2110, 0.3181, 0.3543



35.7985, 0.3695, 0.3766



17.8337, 0.3188, 0.3580



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.



41.2088, 0.3288, 0.4158



72.9993, 0.3316, 0.4365



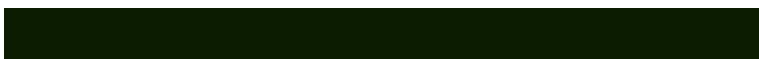
39.3209, 0.3049, 0.4135



10.2370, 0.3177, 0.3522



24.7314, 0.3267, 0.5788



0.9083, 0.3481, 0.5618

Inverse Universe

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



25.0636, 0.2907, 0.2449



39.2542, 0.2846, 0.2256



27.5453, 0.3214, 0.2570



8.9723, 0.3073, 0.3060



4.6142, 0.2212, 0.0992



0.1980, 0.2469, 0.1134

Previews

White Background



This preview shows how the Yxy color 41.2070, 0.3288, 0.4158 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 41.2070, 0.3288, 0.4158 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 41.2070, 0.3288, 0.4158

Background



This preview shows how black text looks on a background with the Yxy color 41.2070, 0.3288, 0.4158.



This preview shows how white text looks on a background with the Yxy color 41.2070, 0.3288, 0.4158.

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

41.2070, 0.3288, 0.4158

Protanopia

40.7962, 0.3707, 0.3984

Deuteranopia

40.6660, 0.3835, 0.3756



Tritanopia

41.1720, 0.2881, 0.3096

Trichromacy



Original Color

41.2070, 0.3288, 0.4158

Protanomaly

40.8111, 0.3555, 0.4053

Deuteranomaly

40.6032, 0.3616, 0.3896

Tritanomaly

41.0309, 0.3025, 0.3463

Monochromacy



Original Color

41.2070, 0.3288, 0.4158

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.6988, 0.3195, 0.3597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2070, 0.3288, 0.4158 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(148, 182, 124)` looks like.

```
.text, #text, p{  
    color:rgb(148, 182, 124)  
}
```

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(148, 182, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 182, 124) }
```

Border

The CSS property to change the border of an element to Yxy 41.2070, 0.3288, 0.4158 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(148, 182, 124) }
```

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

```
.border{ border-color:rgb(148, 182, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 182, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 182, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 182, 124);  
box-shadow:4px 4px 4px 4px rgb(148, 182,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2070, 0.3288, 0.4158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 182, 124) }
```

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

```
.background{ background-color: rgb(148,  
182, 124) }
```

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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