

Converting Colors

$Yxy(41.6641, 0.3316, 0.4127)$

Have a look what the booklet for
Yxy(41.6641, 0.3316, 0.4127)
contains.

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Color

Yxy(41.6120, 0.3316, 0.4134)

Conversions

Conversions Part 1

Format	Color
Hex	98B67D
RGB	152, 182, 125
RGB Percent	60%, 71%, 49%
CMY	0.4039, 0.2863, 0.5099
CMYK	0.16, 0.00, 0.31, 0.29
HSL	92°, 28%, 60%
HSV	92°, 31%, 71%
XYZ	33.3782, 41.6120, 25.6678
YIQ	166.5320, 0.4170, -24.0870

Conversions

Conversions Part 2

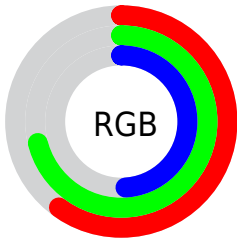
Format	Color
RYB	125, 182, 155
Decimal	10008189
CIELab	70.60, -20.53, 25.77
CIELCh	71, 32.943, 128.545
Yxy	41.6120, 0.3316, 0.4134
Android (android.graphics.Color)	4288198269 (0xFF98B67D)
YUV	166.5320, -20.4753, -12.7446
Hunter-Lab	64.5074, -20.5263, 21.5634

Details

The Yxy color **41.6120, 0.3316, 0.4134** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **25.0066, 0.2876, 0.2456**, and the grayscale version is **38.5059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6288, 0.3288, 0.3967**, and **18.9178, 0.3355, 0.4416** is the 20% darker color. If you saturate the color by 10%, you get **40.3036, 0.3366, 0.4433**, and if you desaturate by 10%, it is **43.0839, 0.3259, 0.3845**.

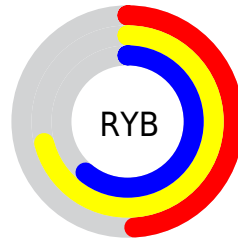
Distribution



Red (60%)

Green (71%)

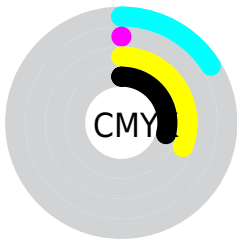
Blue (49%)



Red (49%)

Yellow (71%)

Blue (61%)

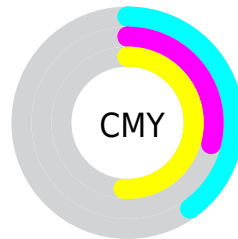


Cyan (16%)

Magenta (0%)

Yellow (31%)

Black (29%)



Cyan (40%)


Magenta (29%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6120, 0.3316, 0.4134 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 41.6120, 0.3316, 0.4134 by changing the saturation by 10% instead.


 41.6120, 0.3316,
0.4134

 41.6120, 0.3316,
0.4134


352.8720, 0.3230,
0.3689


 28.7976, 0.3334,
0.4252


 77.6121, 0.3287,
0.3967

 18.9278, 0.3353,
0.4407


 101.5665, 0.3276,
0.3906

 11.6181, 0.3374,
0.4621


 130.0031, 0.3266,
0.3855

 6.4842, 0.3390,
0.4928

163.3062, 0.3257,
0.3812

 3.1417, 0.3395,
0.5427

201.8603, 0.3249,
0.3774

 1.2061, 0.3375,
0.6625

246.0497, 0.3242,

 0.0667, 0.0000,

0.3742

1.0000

296.2588, 0.3236,
0.3714

■ 0.0000, 0.0000,
0.0000

■ 41.6120, 0.3316,
0.4134

■ 41.6120, 0.3316,
0.4134

■ 40.3036, 0.3366,
0.4433

■ 43.0839, 0.3259,
0.3845

■ 39.1467, 0.3404,
0.4731

■ 44.7198, 0.3198,
0.3573

■ 38.1364, 0.3427,
0.5016


■ 46.5271, 0.3135,
0.3322


■ 37.2650, 0.3430,
0.5271


■ 48.5114, 0.3074,
0.3093

■ 36.5240, 0.3413,
0.5482

■ 50.6775, 0.3014,
0.2887


 35.9036, 0.3376,
0.5638

 53.0305, 0.2957,
0.2703

 35.4483, 0.3332,
0.5736

 55.5750, 0.2904,
0.2538

 57.2707, 0.2958,
0.2530

 58.8859, 0.3031,
0.2546

Harmonies

Analogous

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



41.6120, 0.3754, 0.4109



41.6120, 0.3316, 0.4134



41.6120, 0.2848, 0.3875

Triad

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



41.6120, 0.3316, 0.4134



41.6120, 0.2286, 0.2654



41.6120, 0.3810, 0.3118

Complementary

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



41.6120, 0.3316, 0.4134



25.0066, 0.2876, 0.2456

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.



41.6120, 0.3366, 0.2794



41.6120, 0.3316, 0.4134



41.6120, 0.2498, 0.2527

Square

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



41.6120, 0.3316, 0.4134



41.6120, 0.2276, 0.2968



41.6120, 0.2883, 0.2583



41.6120, 0.4060, 0.3497

Rectangle

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



41.6120, 0.3316, 0.4134



41.6120, 0.2581, 0.3583



41.6120, 0.2883, 0.2583



41.6120, 0.3676, 0.3001

Sweetspot

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



41.6138, 0.3316, 0.4134



81.7592, 0.3184, 0.3516



34.6835, 0.3700, 0.3707



17.9565, 0.3193, 0.3554



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.



41.6138, 0.3316, 0.4134



73.6768, 0.3353, 0.4352



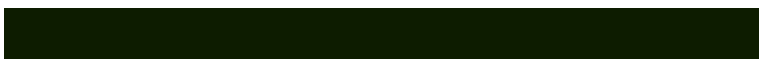
39.3208, 0.3078, 0.4181



10.2632, 0.3185, 0.3521



25.0709, 0.3340, 0.5730



0.9207, 0.3547, 0.5566

Inverse Universe

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



25.0066, 0.2876, 0.2456



38.5288, 0.2801, 0.2243



27.9465, 0.3173, 0.2536



8.9457, 0.3064, 0.3059



4.1714, 0.2088, 0.0924



0.1836, 0.2368, 0.1078

Previews

White Background



This preview shows how the Yxy color 41.6120, 0.3316, 0.4134 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 41.6120, 0.3316, 0.4134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

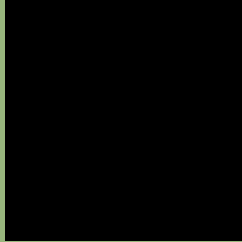
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6120, 0.3316, 0.4134

Background



This preview shows how black text looks on a background with the Yxy color 41.6120, 0.3316, 0.4134.



This preview shows how white text looks on a background with the Yxy color 41.6120, 0.3316, 0.4134.

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

41.6120, 0.3316, 0.4134

Protanopia

41.3246, 0.3704, 0.3981

Deuteranopia

41.1918, 0.3831, 0.3754



Tritanopia

41.4800, 0.2905, 0.3097

Trichromacy



Original Color

41.6120, 0.3316, 0.4134

Protanomaly

41.4545, 0.3562, 0.4047

Deuteranomaly

40.8747, 0.3627, 0.3878

Tritanomaly

41.4300, 0.3059, 0.3461

Monochromacy



Original Color

41.6120, 0.3316, 0.4134

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.4534, 0.3204, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6120, 0.3316, 0.4134 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(152, 182, 125)` looks like.

```
.text, #text, p{  
    color:rgb(152, 182, 125)  
}
```

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(152, 182, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 182, 125) }
```

Border

The CSS property to change the border of an element to Yxy 41.6120, 0.3316, 0.4134 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(152, 182, 125) }
```

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

```
.border{ border-color:rgb(152, 182, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 182, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 182, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 182, 125);  
box-shadow:4px 4px 4px 4px rgb(152, 182,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6120, 0.3316, 0.4134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 182, 125) }
```

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

```
.background{ background-color: rgb(152,  
182, 125) }
```

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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