

Converting Colors

$Yxy(44.0274, 0.3315, 0.4057)$

Have a look what the booklet for
Yxy(44.0274, 0.3315, 0.4057)
contains.

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Color

Yxy(44.1547, 0.3316, 0.4065)

Conversions

Conversions Part 1

Format	Color
Hex	9FBA84
RGB	159, 186, 132
RGB Percent	62%, 73%, 52%
CMY	0.3765, 0.2706, 0.4824
CMYK	0.15, 0.00, 0.29, 0.27
HSL	90°, 28%, 62%
HSV	90°, 29%, 73%
XYZ	36.0189, 44.1547, 28.4480
YIQ	171.7710, 1.2420, -22.5180

Conversions

Conversions Part 2

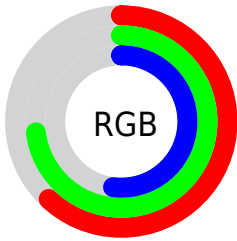
Format	Color
RYB	132, 186, 159
Decimal	10467972
CIELab	72.33, -18.91, 24.44
CIELCh	72, 30.902, 127.737
Yxy	44.1547, 0.3316, 0.4065
Android (android.graphics.Color)	4288658052 (0xFF9FBA84)
YUV	171.7710, -19.6071, -11.2002
Hunter-Lab	66.4490, -19.5291, 21.1312

Details

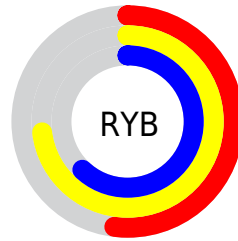
The Yxy color **44.1547, 0.3316, 0.4065** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **27.4155, 0.2884, 0.2517**, and the grayscale version is **41.2328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3032, 0.3288, 0.3917**, and **20.5101, 0.3357, 0.4310** is the 20% darker color. If you saturate the color by 10%, you get **42.7764, 0.3372, 0.4360**, and if you desaturate by 10%, it is **45.6992, 0.3253, 0.3781**.

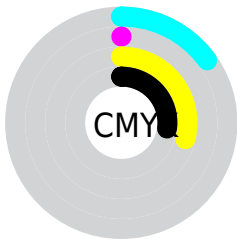
Distribution



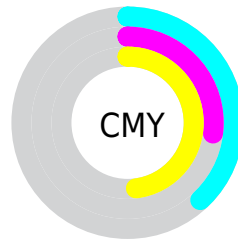
- Red (62%)
- Green (73%)
- Blue (52%)



- Red (52%)
- Yellow (73%)
- Blue (62%)



- Cyan (15%)
- Magenta (0%)
- Yellow (29%)
- Black (27%)





- Cyan (38%)
- Magenta (27%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1547, 0.3316, 0.4065 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 44.1547, 0.3316, 0.4065 by changing the saturation by 10% instead.


 44.1547, 0.3316,
0.4065


 44.1547, 0.3316,
0.4065


363.3392, 0.3229,
0.3661


 30.7921, 0.3334,
0.4171


 81.4505, 0.3287,
0.3915

 20.4406, 0.3356,
0.4309


 106.1525, 0.3275,
0.3859

 12.7157, 0.3380,
0.4496


 135.4031, 0.3265,
0.3813

 7.2331, 0.3404,
0.4765

169.5867, 0.3256,
0.3773

 3.6083, 0.3415,
0.5175

209.0878, 0.3248,
0.3739

 1.4570, 0.3646,
0.6354

254.2906, 0.3241,

 0.2581, 0.0000,

0.3710

1.0000

305.5796, 0.3235,
0.3684

0.0000, 0.0000,
0.0000

44.1547, 0.3316,
0.4065

44.1547, 0.3316,
0.4065

42.7764, 0.3372,
0.4360

45.6992, 0.3253,
0.3781

41.5523, 0.3417,
0.4656

47.4102, 0.3187,
0.3514

40.4772, 0.3448,
0.4941

49.2952, 0.3121,
0.3267

39.5437, 0.3459,
0.5200

51.3595, 0.3056,
0.3043

38.7434, 0.3450,
0.5418

53.6083, 0.2993,
0.2841

■ 38.0667, 0.3418,
0.5584

■ 56.0465, 0.2933,
0.2660

■ 37.4977, 0.3370,
0.5700

■ 58.2069, 0.2925,
0.2565

■ 37.4471, 0.3365,
0.5710

■ 59.7354, 0.2995,
0.2580

■ 61.3466, 0.3065,
0.2594

Harmonies

Analogous

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



44.1547, 0.3716, 0.4041



44.1547, 0.3316, 0.4065



44.1547, 0.2883, 0.3834

Triad

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



44.1547, 0.3316, 0.4065



44.1547, 0.2345, 0.2710



44.1547, 0.3745, 0.3124

Complementary

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



44.1547, 0.3316, 0.4065



27.4155, 0.2884, 0.2517

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.



44.1547, 0.3336, 0.2824



44.1547, 0.3316, 0.4065



44.1547, 0.2538, 0.2585

Square

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



44.1547, 0.3316, 0.4065



44.1547, 0.2342, 0.3007



44.1547, 0.2892, 0.2631



44.1547, 0.3982, 0.3476

Rectangle

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



44.1547, 0.3316, 0.4065



44.1547, 0.2633, 0.3571



44.1547, 0.2892, 0.2631



44.1547, 0.3622, 0.3016

Sweetspot

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



44.1566, 0.3316, 0.4065



85.8906, 0.3188, 0.3516



36.9009, 0.3655, 0.3664



18.8104, 0.3198, 0.3554



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.



44.1566, 0.3316, 0.4065



78.3608, 0.3354, 0.4257



41.6913, 0.3088, 0.4122



10.2746, 0.3189, 0.3521



25.2352, 0.3375, 0.5702



0.9264, 0.3577, 0.5542

Inverse Universe

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



27.4155, 0.2884, 0.2517



42.9583, 0.2815, 0.2326



30.4841, 0.3161, 0.2579



8.9342, 0.3060, 0.3059



3.9965, 0.2036, 0.0895



0.1777, 0.2325, 0.1055

Previews

White Background



This preview shows how the Yxy color 44.1547, 0.3316, 0.4065 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 44.1547, 0.3316, 0.4065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

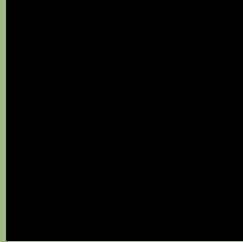
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1547, 0.3316, 0.4065

Background



This preview shows how black text looks on a background with the Yxy color 44.1547, 0.3316, 0.4065.



This preview shows how white text looks on a background with the Yxy color 44.1547, 0.3316, 0.4065.

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

44.1547, 0.3316, 0.4065

Protanopia

43.9499, 0.3662, 0.3940

Deuteranopia

43.9086, 0.3803, 0.3730



Tritanopia

43.9714, 0.2934, 0.3103

Trichromacy



Original Color

44.1547, 0.3316, 0.4065

Protanomaly

43.8112, 0.3538, 0.3988

Deuteranomaly

43.7190, 0.3614, 0.3848

Tritanomaly

43.9494, 0.3078, 0.3442

Monochromacy



Original Color

44.1547, 0.3316, 0.4065

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.0941, 0.3202, 0.3571

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1547, 0.3316, 0.4065 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(159, 186, 132)` looks like.

```
.text, #text, p{  
    color:rgb(159, 186, 132)  
}
```

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(159, 186, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 186, 132) }
```

Border

The CSS property to change the border of an element to Yxy 44.1547, 0.3316, 0.4065 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(159, 186, 132) }
```

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

```
.border{ border-color:rgb(159, 186, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 186, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 186, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 186, 132); box-shadow:4px 4px 4px 4px rgb(159, 186, 132) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1547, 0.3316, 0.4065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 186, 132) }
```

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

```
.background{ background-color: rgb(159,  
186, 132) }
```

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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