

Converting Colors

$Yxy(42.8544, 0.3308, 0.4056)$

Have a look what the booklet for
Yxy(42.8544, 0.3308, 0.4056)
contains.

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Color

Yxy(43.0878, 0.3310, 0.4058)

Conversions

Conversions Part 1

Format	Color
Hex	9DB883
RGB	157, 184, 131
RGB Percent	62%, 72%, 51%
CMY	0.3843, 0.2784, 0.4862
CMYK	0.15, 0.00, 0.29, 0.28
HSL	91°, 27%, 62%
HSV	91°, 29%, 72%
XYZ	35.1455, 43.0878, 27.9465
YIQ	169.8850, 0.9210, -22.2070

Conversions

Conversions Part 2

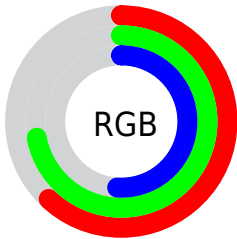
Format	Color
RYB	131, 184, 158
Decimal	10336387
CIELab	71.61, -18.77, 23.96
CIELCh	72, 30.435, 128.078
Yxy	43.0878, 0.3310, 0.4058
Android (android.graphics.Color)	4288526467 (0xFF9DB883)
YUV	169.8850, -19.1703, -11.3001
Hunter-Lab	65.6413, -19.3001, 20.7064

Details

The Yxy color **43.0878, 0.3310, 0.4058** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **26.9711, 0.2892, 0.2526**, and the grayscale version is **40.2383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7779, 0.3283, 0.3911**, and **19.8299, 0.3350, 0.4306** is the 20% darker color. If you saturate the color by 10%, you get **41.7271, 0.3365, 0.4354**, and if you desaturate by 10%, it is **44.6132, 0.3249, 0.3774**.

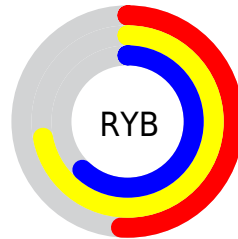
Distribution



Red (62%)

Green (72%)

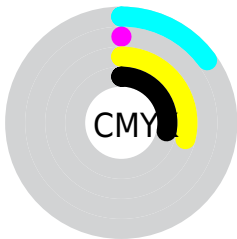
Blue (51%)



Red (51%)

Yellow (72%)

Blue (62%)

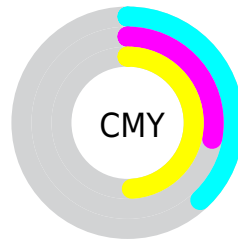


Cyan (15%)

Magenta (0%)

Yellow (29%)

Black (28%)



Cyan (38%)


Magenta (28%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0878, 0.3310, 0.4058 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 43.0878, 0.3310, 0.4058 by changing the saturation by 10% instead.

 43.0878, 0.3310,
0.4058


 43.0878, 0.3310,
0.4058


358.9727, 0.3226,
0.3656


 29.9540, 0.3328,
0.4164


 79.8433, 0.3281,
0.3908

 19.8037, 0.3349,
0.4302


 104.2339, 0.3270,
0.3853

 12.2524, 0.3372,
0.4491

 133.1454, 0.3260,
0.3807

 6.9158, 0.3395,
0.4763

166.9625, 0.3252,
0.3768

 3.4095, 0.3405,
0.5181

206.0693, 0.3244,
0.3734

 1.3491, 0.3615,
0.6385

250.8504, 0.3237,

 0.1787, 0.0000,

0.3705

1.0000

301.6900, 0.3231,
0.3679

0.0000, 0.0000,
0.0000

43.0878, 0.3310,
0.4058

43.0878, 0.3310,
0.4058

41.7271, 0.3365,
0.4354

44.6132, 0.3249,
0.3774

40.5191, 0.3409,
0.4651

46.3036, 0.3184,
0.3507

39.4590, 0.3438,
0.4938

48.1664, 0.3119,
0.3261


38.5394, 0.3449,
0.5199


50.2069, 0.3056,
0.3038


37.7519, 0.3439,
0.5420


52.4301, 0.2994,
0.2837


 37.0873, 0.3408,
0.5589

 54.8409, 0.2936,
0.2657

 36.5303, 0.3359,
0.5706

 57.1290, 0.2914,
0.2541

 36.4678, 0.3354,
0.5719

 58.6560, 0.2984,
0.2556

 60.2666, 0.3055,
0.2572

Harmonies

Analogous

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



43.0878, 0.3708, 0.4037



43.0878, 0.3310, 0.4058



43.0878, 0.2880, 0.3826

Triad

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



43.0878, 0.3310, 0.4058



43.0878, 0.2352, 0.2712



43.0878, 0.3745, 0.3129

Complementary

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



43.0878, 0.3310, 0.4058



26.9711, 0.2892, 0.2526

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.



43.0878, 0.3339, 0.2830



43.0878, 0.3310, 0.4058



43.0878, 0.2546, 0.2589

Square

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



43.0878, 0.3310, 0.4058



43.0878, 0.2346, 0.3005



43.0878, 0.2899, 0.2637



43.0878, 0.3977, 0.3479

Rectangle

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



43.0878, 0.3310, 0.4058



43.0878, 0.2633, 0.3564



43.0878, 0.2899, 0.2637



43.0878, 0.3623, 0.3021

Sweetspot

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



43.0897, 0.3310, 0.4058



83.8228, 0.3187, 0.3516



36.1178, 0.3649, 0.3660



17.9711, 0.3196, 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.



43.0897, 0.3310, 0.4058



76.4029, 0.3348, 0.4258



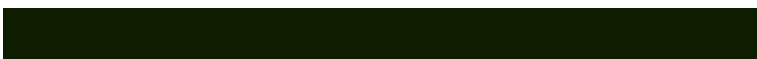
40.7475, 0.3089, 0.4112



10.2706, 0.3188, 0.3521



25.1756, 0.3362, 0.5712



0.9243, 0.3566, 0.5551

Inverse Universe

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



26.9711, 0.2892, 0.2526



42.0643, 0.2821, 0.2328



29.8910, 0.3160, 0.2585



8.9383, 0.3062, 0.3059



4.0575, 0.2054, 0.0905



0.1798, 0.2340, 0.1063

Previews

White Background



This preview shows how the Yxy color 43.0878, 0.3310, 0.4058 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 43.0878, 0.3310, 0.4058 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 43.0878, 0.3310, 0.4058

Background



This preview shows how black text looks on a background with the Yxy color 43.0878, 0.3310, 0.4058.



This preview shows how white text looks on a background with the Yxy color 43.0878, 0.3310, 0.4058.

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

43.0878, 0.3310, 0.4058

Protanopia

42.8836, 0.3659, 0.3933

Deuteranopia

42.8483, 0.3801, 0.3722



Tritanopia

42.8754, 0.2932, 0.3101

Trichromacy



Original Color

43.0878, 0.3310, 0.4058

Protanomaly

42.7464, 0.3534, 0.3981

Deuteranomaly

42.6569, 0.3611, 0.3840

Tritanomaly

42.8913, 0.3069, 0.3429

Monochromacy



Original Color

43.0878, 0.3310, 0.4058

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.0596, 0.3195, 0.3560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0878, 0.3310, 0.4058 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(157, 184, 131)` looks like.

```
.text, #text, p{  
    color:rgb(157, 184, 131)  
}
```

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(157, 184, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 184, 131) }
```

Border

The CSS property to change the border of an element to Yxy 43.0878, 0.3310, 0.4058 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(157, 184, 131) }
```

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

```
.border{ border-color:rgb(157, 184, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 184, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 184, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 184, 131);  
box-shadow:4px 4px 4px 4px rgb(157, 184,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0878, 0.3310, 0.4058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 184, 131) }
```

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

```
.background{ background-color: rgb(157,  
184, 131) }
```

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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