

Converting Colors

Yxy(52.2068, 0.3239, 0.4216)

Have a look what the booklet for
Yxy(52.2068, 0.3239, 0.4216)
contains.

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Color

Yxy(52.2610, 0.3240, 0.4211)

Conversions

Conversions Part 1

Format	Color
Hex	9ECC89
RGB	158, 204, 137
RGB Percent	62%, 80%, 54%
CMY	0.3803, 0.2000, 0.4627
CMYK	0.23, 0.00, 0.33, 0.20
HSL	101°, 40%, 67%
HSV	101°, 33%, 80%
XYZ	40.2103, 52.2610, 31.6346
YIQ	182.6080, -5.9090, -30.5890

Conversions

Conversions Part 2

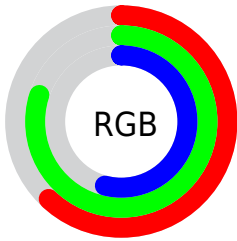
Format	Color
RYB	137, 204, 183
Decimal	10407049
CIELab	77.44, -27.39, 28.63
CIELCh	77, 39.627, 133.733
Yxy	52.2610, 0.3240, 0.4211
Android (android.graphics.Color)	4288597129 (0xFF9ECC89)
YUV	182.6080, -22.4847, -21.5812
Hunter-Lab	72.2918, -27.2249, 24.6592

Details

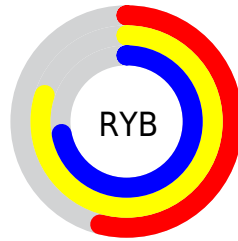
The Yxy color **52.2610, 0.3240, 0.4211** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.3176, 0.2961, 0.2430**, and the grayscale version is **47.2580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5777, 0.3237, 0.3977**, and **25.4878, 0.3250, 0.4499** is the 20% darker color. If you saturate the color by 10%, you get **50.3918, 0.3263, 0.4532**, and if you desaturate by 10%, it is **54.4072, 0.3210, 0.3904**.

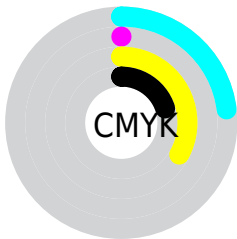
Distribution



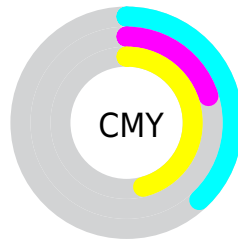
- Red (62%)
- Green (80%)
- Blue (54%)



- Red (54%)
- Yellow (80%)
- Blue (72%)



- Cyan (23%)
- Magenta (0%)
- Yellow (33%)
- Black (20%)





- Cyan (38%)
- Magenta (20%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2610, 0.3240, 0.4211 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 52.2610, 0.3240, 0.4211 by changing the saturation by 10% instead.

 52.2610, 0.3240,
0.4211


 52.2610, 0.3240,
0.4211


395.4434, 0.3198,
0.3740

 37.2132, 0.3246,
0.4331


 93.5160, 0.3228,
0.4038

 25.3726, 0.3250,
0.4486


 120.4920, 0.3223,
0.3973

 16.3549, 0.3250,
0.4694


 152.2129, 0.3217,
0.3919

 9.7756, 0.3240,
0.4984

189.0629, 0.3213,
0.3872

 5.2504, 0.3200,
0.5412

231.4266, 0.3208,
0.3832

 2.3949, 0.3265,
0.6465

279.6883, 0.3204,

 0.8233, 0.1214,

0.3797

0.8786

334.2324, 0.3201,
0.3767

0.0000, 0.0000,
0.0000

52.2610, 0.3240,
0.4211

52.2610, 0.3240,
0.4211

50.3918, 0.3263,
0.4532

54.4072, 0.3210,
0.3904

48.7813, 0.3276,
0.4854

56.8345, 0.3175,
0.3619

47.4190, 0.3275,
0.5161

59.5556, 0.3138,
0.3359

46.2912, 0.3260,
0.5433


62.5801, 0.3100,
0.3126

45.3827, 0.3229,
0.5653

65.9173, 0.3063,
0.2919

 44.6757, 0.3184,
0.5806

 69.2893, 0.3057,
0.2777

 44.2759, 0.3149,
0.5882

 71.6668, 0.3151,
0.2792

Harmonies

Analogous

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



52.2610, 0.3743, 0.4228



52.2610, 0.3240, 0.4211



52.2610, 0.2731, 0.3869

Triad

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



52.2610, 0.3240, 0.4211



52.2610, 0.2224, 0.2544



52.2610, 0.3957, 0.3166

Complementary

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



52.2610, 0.3240, 0.4211



32.3176, 0.2961, 0.2430

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.



52.2610, 0.3485, 0.2797



52.2610, 0.3240, 0.4211



52.2610, 0.2491, 0.2445

Square

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



52.2610, 0.3240, 0.4211



52.2610, 0.2173, 0.2852



52.2610, 0.2941, 0.2540



52.2610, 0.4186, 0.3584

Rectangle

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



52.2610, 0.3240, 0.4211



52.2610, 0.2455, 0.3522



52.2610, 0.2941, 0.2540



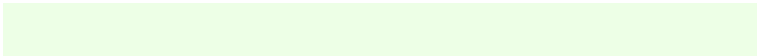
52.2610, 0.3819, 0.3034

Sweetspot

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



52.2633, 0.3240, 0.4211



95.2952, 0.3165, 0.3546



48.4223, 0.3696, 0.3864



20.2643, 0.3170, 0.3584



0.0000, 0.0000, 0.0000



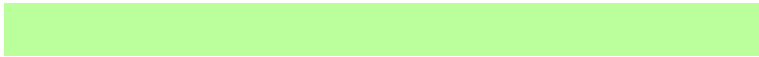
21.4041, 0.3127, 0.3290

Same Dimension

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



52.2633, 0.3240, 0.4211



84.4366, 0.3256, 0.4424



50.6843, 0.3003, 0.4074



12.7048, 0.3162, 0.3526



27.9111, 0.3158, 0.5874



1.4804, 0.3313, 0.5752

Inverse Universe

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



32.3176, 0.2961, 0.2430



46.6638, 0.2916, 0.2247



34.5226, 0.3284, 0.2617



11.2205, 0.3088, 0.3058



6.3062, 0.2436, 0.1116



0.3646, 0.2591, 0.1201

Previews

White Background



This preview shows how the Yxy color 52.2610, 0.3240, 0.4211 looks on a white background.

Color Contrast Check

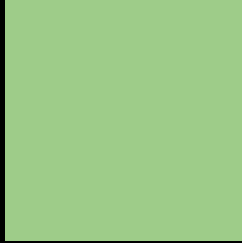
Large Text (above 18pt) WCAG AA × Fail

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 52.2610, 0.3240, 0.4211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

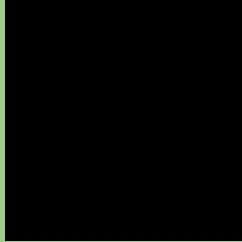
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.2610, 0.3240, 0.4211

Background



This preview shows how black text looks on a background with the Yxy color 52.2610, 0.3240, 0.4211.



This preview shows how white text looks on a background with the Yxy color 52.2610, 0.3240, 0.4211.

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

52.2610, 0.3240, 0.4211

Protanopia

52.0221, 0.3730, 0.4027

Deuteranopia

51.8275, 0.3845, 0.3769



Tritanopia

52.2294, 0.2832, 0.3100

Trichromacy



Original Color

52.2610, 0.3240, 0.4211

Protanomaly

51.9921, 0.3546, 0.4100

Deuteranomaly

51.5726, 0.3614, 0.3928

Tritanomaly

51.9141, 0.2987, 0.3487

Monochromacy



Original Color

52.2610, 0.3240, 0.4211

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

49.0134, 0.3177, 0.3624

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2610, 0.3240, 0.4211 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(158, 204, 137)` looks like.

```
.text, #text, p{  
    color:rgb(158, 204, 137)  
}
```

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(158, 204, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 204, 137) }
```

Border

The CSS property to change the border of an element to Yxy 52.2610, 0.3240, 0.4211 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(158, 204, 137) }
```

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

```
.border{ border-color:rgb(158, 204, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 204, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 204, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 204, 137); box-shadow:4px 4px 4px 4px rgb(158, 204, 137) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2610, 0.3240, 0.4211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 204, 137) }
```

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

```
.background{ background-color: rgb(158,  
204, 137) }
```

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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