

Converting Colors

Yxy(52.6404, 0.3229, 0.4260)

Have a look what the booklet for
Yxy(52.6404, 0.3229, 0.4260)
contains.

Yxy(52.3805, 0.3228, 0.4257)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.3805, 0.3228, 0.4257)

Conversions

Conversions Part 1

Format	Color
Hex	9BCD87
RGB	155, 205, 135
RGB Percent	61%, 80%, 53%
CMY	0.3923, 0.1960, 0.4705
CMYK	0.24, 0.00, 0.34, 0.20
HSL	103°, 41%, 67%
HSV	103°, 34%, 80%
XYZ	39.7191, 52.3805, 30.9460
YIQ	182.0700, -7.3300, -32.3700

Conversions

Conversions Part 2

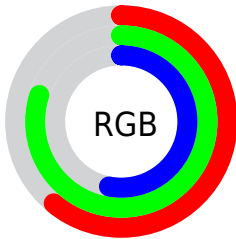
Format	Color
RYB	135, 205, 185
Decimal	10210695
CIELab	77.51, -29.24, 29.72
CIElCh	78, 41.693, 134.525
Yxy	52.3805, 0.3228, 0.4257
Android (android.graphics.Color)	4288400775 (0xFF9BCD87)
YUV	182.0700, -23.2055, -23.7404
Hunter-Lab	72.3744, -28.6942, 25.3107

Details

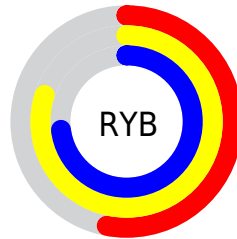
The Yxy color **52.3805, 0.3228, 0.4257** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.0639, 0.2972, 0.2399**, and the grayscale version is **46.9501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0430, 0.3229, 0.4004**, and **25.2776, 0.3236, 0.4548** is the 20% darker color. If you saturate the color by 10%, you get **50.4967, 0.3246, 0.4582**, and if you desaturate by 10%, it is **54.5560, 0.3203, 0.3945**.

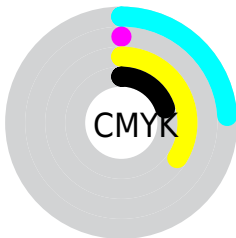
Distribution



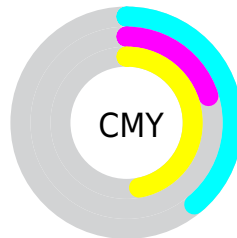
- Red (61%)
- Green (80%)
- Blue (53%)



- Red (53%)
- Yellow (80%)
- Blue (73%)



- Cyan (24%)
- Magenta (0%)
- Yellow (34%)
- Black (20%)





- Cyan (39%)
- Magenta (20%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3805, 0.3228, 0.4257 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 52.3805, 0.3228, 0.4257 by changing the saturation by 10% instead.

 52.3805, 0.3228,
0.4257


 52.3805, 0.3228,
0.4257


395.9038, 0.3193,
0.3761

 37.3085, 0.3231,
0.4384


 93.6922, 0.3219,
0.4074

 25.4464, 0.3232,
0.4547


 120.7006, 0.3215,
0.4007

 16.4100, 0.3228,
0.4766


 152.4565, 0.3210,
0.3949

 9.8147, 0.3210,
0.5071

189.3445, 0.3206,
0.3901

 5.2763, 0.3156,
0.5521

231.7488, 0.3203,
0.3859

 2.4103, 0.3224,
0.6686

280.0538, 0.3199,

 0.8312, 0.0841,

0.3822

0.9159

334.6440, 0.3196,
0.3790

0.0000, 0.0000,
0.0000

52.3805, 0.3228,
0.4257

52.3805, 0.3228,
0.4257

50.4967, 0.3246,
0.4582

54.5560, 0.3203,
0.3945

48.8852, 0.3253,
0.4907

57.0283, 0.3173,
0.3655

47.5346, 0.3248,
0.5215


59.8109, 0.3141,
0.3391

46.4298, 0.3229,
0.5484

62.9142, 0.3108,
0.3155

45.5540, 0.3196,
0.5697

66.3484, 0.3075,
0.2945

 44.8880, 0.3152,
0.5842

 69.9265, 0.3063,
0.2788

 44.5798, 0.3125,
0.5901

 72.1471, 0.3150,
0.2802

Harmonies

Analogous

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



52.3805, 0.3758, 0.4279



52.3805, 0.3228, 0.4257



52.3805, 0.2697, 0.3888

Triad

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



52.3805, 0.3228, 0.4257



52.3805, 0.2187, 0.2502



52.3805, 0.4010, 0.3169

Complementary

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



52.3805, 0.3228, 0.4257



32.0639, 0.2972, 0.2399

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.



52.3805, 0.3517, 0.2782



52.3805, 0.3228, 0.4257



52.3805, 0.2470, 0.2407

Square

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



52.3805, 0.3228, 0.4257



52.3805, 0.2127, 0.2817



52.3805, 0.2945, 0.2512



52.3805, 0.4242, 0.3605

Rectangle

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



52.3805, 0.3228, 0.4257



52.3805, 0.2412, 0.3518



52.3805, 0.2945, 0.2512



52.3805, 0.3867, 0.3031

Sweetspot

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



52.3828, 0.3228, 0.4257



95.1699, 0.3160, 0.3546



49.0167, 0.3717, 0.3901



20.2341, 0.3165, 0.3584



0.0000, 0.0000, 0.0000



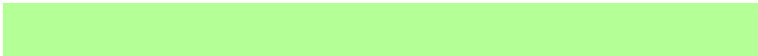
21.4041, 0.3127, 0.3290

Same Dimension

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



52.3828, 0.3228, 0.4257



83.4702, 0.3242, 0.4496



50.9903, 0.2991, 0.4093



12.6892, 0.3158, 0.3527



27.7919, 0.3133, 0.5894



1.4728, 0.3285, 0.5774

Inverse Universe

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



32.0639, 0.2972, 0.2399



45.2159, 0.2926, 0.2200



34.0766, 0.3304, 0.2603



11.2369, 0.3093, 0.3058



6.6308, 0.2504, 0.1153



0.3793, 0.2647, 0.1232

Previews

White Background



This preview shows how the Yxy color 52.3805, 0.3228, 0.4257 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 52.3805, 0.3228, 0.4257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

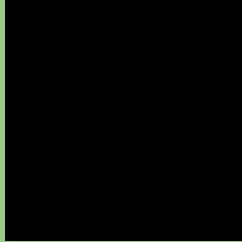
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3805, 0.3228, 0.4257

Background



This preview shows how black text looks on a background with the Yxy color 52.3805, 0.3228, 0.4257.



This preview shows how white text looks on a background with the Yxy color 52.3805, 0.3228, 0.4257.

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

52.3805, 0.3228, 0.4257

Protanopia

52.1120, 0.3754, 0.4049

Deuteranopia

51.9292, 0.3871, 0.3790



Tritanopia

52.3985, 0.2806, 0.3099

Trichromacy



Original Color

52.3805, 0.3228, 0.4257

Protanomaly

51.8099, 0.3552, 0.4128

Deuteranomaly

51.3759, 0.3621, 0.3955

Tritanomaly

52.0523, 0.2965, 0.3502

Monochromacy



Original Color

52.3805, 0.3228, 0.4257

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

48.3142, 0.3169, 0.3626

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3805, 0.3228, 0.4257 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(155, 205, 135)` looks like.

```
.text, #text, p{  
    color:rgb(155, 205, 135)  
}
```

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(155, 205, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 205, 135) }
```

Border

The CSS property to change the border of an element to Yxy 52.3805, 0.3228, 0.4257 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(155, 205, 135) }
```

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

```
.border{ border-color:rgb(155, 205, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 205, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 205, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 205, 135);  
box-shadow:4px 4px 4px 4px rgb(155, 205,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3805, 0.3228, 0.4257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 205, 135) }
```

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

```
.background{ background-color: rgb(155,  
205, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor