

Converting Colors

Yxy(38.7363, 0.3197, 0.4033)

Have a look what the booklet for
Yxy(38.7363, 0.3197, 0.4033)
contains.

Yxy(38.6920, 0.3195, 0.4031)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.6920, 0.3195, 0.4031)

Conversions

Conversions Part 1

Format	Color
Hex	8DB181
RGB	141, 177, 129
RGB Percent	55%, 69%, 51%
CMY	0.4471, 0.3059, 0.4940
CMYK	0.20, 0.00, 0.27, 0.31
HSL	105°, 24%, 60%
HSV	105°, 27%, 69%
XYZ	30.6676, 38.6920, 26.6265
YIQ	160.7640, -6.0480, -22.5600

Conversions

Conversions Part 2

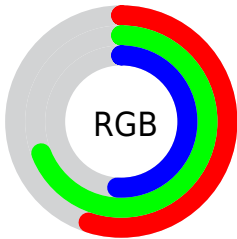
Format	Color
RYB	129, 177, 165
Decimal	9286017
CIELab	68.53, -21.40, 20.67
CIElCh	69, 29.754, 136.001
Yxy	38.6920, 0.3195, 0.4031
Android (android.graphics.Color)	4287476097 (0xFF8DB181)
YUV	160.7640, -15.6597, -17.3330
Hunter-Lab	62.2029, -20.8502, 18.1624

Details

The Yxy color **38.6920, 0.3195, 0.4031** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **26.8839, 0.3030, 0.2602**, and the grayscale version is **35.6013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2573, 0.3186, 0.3885**, and **17.1535, 0.3207, 0.4286** is the 20% darker color. If you saturate the color by 10%, you get **37.1673, 0.3213, 0.4348**, and if you desaturate by 10%, it is **40.4414, 0.3172, 0.3735**.

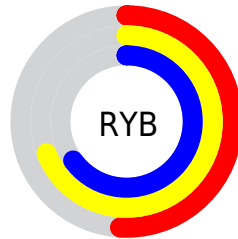
Distribution



Red (55%)

Green (69%)

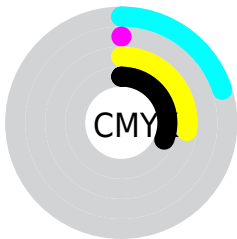
Blue (51%)



Red (51%)

Yellow (69%)

Blue (65%)

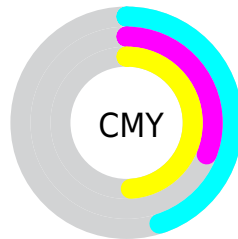


Cyan (20%)

Magenta (0%)

Yellow (27%)

Black (31%)



Cyan (45%)


Magenta (31%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6920, 0.3195, 0.4031 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 38.6920, 0.3195, 0.4031 by changing the saturation by 10% instead.


 38.6920, 0.3195,
0.4031


 38.6920, 0.3195,
0.4031

340.5792, 0.3168,
0.3635


 26.5202, 0.3199,
0.4139


 73.1676, 0.3187,
0.3881

 17.2132, 0.3201,
0.4282


 96.2401, 0.3184,
0.3826

 10.3866, 0.3200,
0.4483


 123.7151, 0.3181,
0.3781

 5.6560, 0.3187,
0.4781

155.9768, 0.3178,
0.3743

 2.6371, 0.3147,
0.5276

193.4096, 0.3175,
0.3710

 0.9453, 0.2839,
0.7161

236.3981, 0.3172,

 0.0000, 0.0000,

0.3681

0.0000

285.3265, 0.3170,
0.3657

■ 38.6920, 0.3195,
0.4031

■ 38.6920, 0.3195,
0.4031

■ 37.1673, 0.3213,
0.4348

■ 40.4414, 0.3172,
0.3735

■ 35.8531, 0.3223,
0.4675

■ 42.4190, 0.3146,
0.3465

■ 34.7412, 0.3224,
0.4999

■ 44.6346, 0.3119,
0.3223

■ 33.8212, 0.3213,
0.5301

■ 47.0959, 0.3092,
0.3008


■ 33.0813, 0.3190,
0.5560

■ 49.8102, 0.3065,
0.2818

 32.5084, 0.3156,
0.5758


 52.7847, 0.3039,
0.2652

 32.0858, 0.3114,
0.5887

 56.0260, 0.3014,
0.2506

 31.9854, 0.3103,
0.5918

 58.4932, 0.3103,
0.2512

 59.9271, 0.3163,
0.2527

Harmonies

Analogous

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



38.6920, 0.3619, 0.4077



38.6920, 0.3195, 0.4031



38.6920, 0.2771, 0.3735

Triad

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



38.6920, 0.3195, 0.4031



38.6920, 0.2376, 0.2654



38.6920, 0.3837, 0.3218

Complementary

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



38.6920, 0.3195, 0.4031



26.8839, 0.3030, 0.2602

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.



38.6920, 0.3460, 0.2896



38.6920, 0.3195, 0.4031



38.6920, 0.2619, 0.2577

Square

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



38.6920, 0.3195, 0.4031



38.6920, 0.2319, 0.2907



38.6920, 0.3009, 0.2667



38.6920, 0.4009, 0.3574

Rectangle

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



38.6920, 0.3195, 0.4031



38.6920, 0.2544, 0.3452



38.6920, 0.3009, 0.2667



38.6920, 0.3729, 0.3104

Sweetspot

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



38.6937, 0.3195, 0.4031



75.5818, 0.3149, 0.3492



37.8472, 0.3569, 0.3800



16.2618, 0.3153, 0.3530



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



38.6937, 0.3195, 0.4031



67.4849, 0.3207, 0.4233



38.0392, 0.3000, 0.3857



9.5890, 0.3152, 0.3523



23.1972, 0.3109, 0.5913



0.7579, 0.3321, 0.5745

Inverse Universe

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



26.8839, 0.3030, 0.2602



42.5116, 0.3000, 0.2430



27.7702, 0.3285, 0.2783



8.5379, 0.3099, 0.3063



5.9351, 0.2594, 0.1203



0.2123, 0.2775, 0.1302

Previews

White Background



This preview shows how the Yxy color 38.6920, 0.3195, 0.4031 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 38.6920, 0.3195, 0.4031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

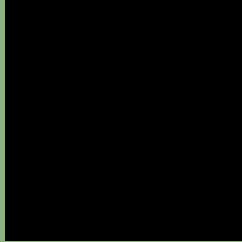
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6920, 0.3195, 0.4031

Background



This preview shows how black text looks on a background with the Yxy color 38.6920, 0.3195, 0.4031.



This preview shows how white text looks on a background with the Yxy color 38.6920, 0.3195, 0.4031.

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

38.6920, 0.3195, 0.4031

Protanopia

38.3114, 0.3632, 0.3880

Deuteranopia

38.3044, 0.3723, 0.3652



Tritanopia

38.6524, 0.2850, 0.3104

Trichromacy



Original Color

38.6920, 0.3195, 0.4031

Protanomaly

38.2551, 0.3461, 0.3933

Deuteranomaly

38.0523, 0.3519, 0.3774

Tritanomaly

38.7345, 0.2981, 0.3438

Monochromacy



Original Color

38.6920, 0.3195, 0.4031

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.6774, 0.3161, 0.3559

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6920, 0.3195, 0.4031 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(141, 177, 129)` looks like.

```
.text, #text, p{  
    color:rgb(141, 177, 129)  
}
```

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(141, 177, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 177, 129) }
```

Border

The CSS property to change the border of an element to Yxy 38.6920, 0.3195, 0.4031 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(141, 177, 129) }
```

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

```
.border{ border-color:rgb(141, 177, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 177, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 177, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 177, 129);  
box-shadow:4px 4px 4px 4px rgb(141, 177,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6920, 0.3195, 0.4031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 177, 129) }
```

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

```
.background{ background-color: rgb(141,  
177, 129) }
```

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