

Converting Colors

$Yxy(53.1107, 0.3079, 0.3881)$

Have a look what the booklet for
Yxy(53.1107, 0.3079, 0.3881)
contains.

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Color

Yxy(53.0280, 0.3077, 0.3874)

Conversions

Conversions Part 1

Format	Color
Hex	9ECCA1
RGB	158, 204, 161
RGB Percent	62%, 80%, 63%
CMY	0.3806, 0.1999, 0.3686
CMYK	0.23, 0.00, 0.21, 0.20
HSL	124°, 31%, 71%
HSV	124°, 23%, 80%
XYZ	42.1185, 53.0280, 41.7353
YIQ	185.3440, -13.6130, -23.1250

Conversions

Conversions Part 2

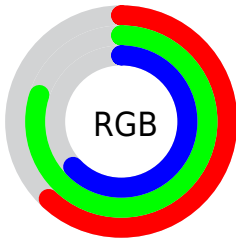
Format	Color
RYB	158, 201, 204
Decimal	10407073
CIELab	77.89, -23.51, 16.60
CIELCh	78, 28.779, 144.773
Yxy	53.0280, 0.3077, 0.3874
Android (android.graphics.Color)	4288597153 (0xFF9ECCA1)
YUV	185.3440, -12.0016, -23.9807
Hunter-Lab	72.8203, -24.1930, 16.9936

Details

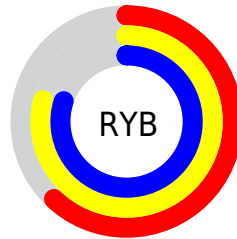
The Yxy color **53.0280, 0.3077, 0.3874** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.4897, 0.3180, 0.2768**, and the grayscale version is **48.7866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6240, 0.3089, 0.3704**, and **25.9810, 0.3062, 0.4057** is the 20% darker color. If you saturate the color by 10%, you get **50.5095, 0.3054, 0.4182**, and if you desaturate by 10%, it is **55.9968, 0.3100, 0.3595**.

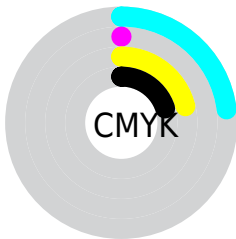
Distribution



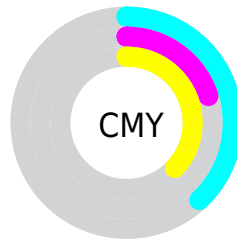
- Red (62%)
- Green (80%)
- Blue (63%)



- Red (62%)
- Yellow (79%)
- Blue (80%)



- Cyan (23%)
- Magenta (0%)
- Yellow (21%)
- Black (20%)




- Cyan (38%)
- Magenta (20%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0280, 0.3077, 0.3874 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 53.0280, 0.3077, 0.3874 by changing the saturation by 10% instead.

 53.0280, 0.3077,
0.3874


 53.0280, 0.3077,
0.3874


398.3925, 0.3107,
0.3578

 37.8251, 0.3068,
0.3949


 94.6456, 0.3089,
0.3765

 25.8470, 0.3056,
0.4046


 121.8290, 0.3093,
0.3725

 16.7092, 0.3037,
0.4177


153.7749, 0.3097,
0.3691

 10.0274, 0.3009,
0.4360

190.8674, 0.3099,
0.3662

 5.4171, 0.2960,
0.4638

233.4910, 0.3102,
0.3636

 2.4940, 0.2863,
0.5099

282.0302, 0.3104,


 0.8736, 0.2269,


0.3614


0.7731


336.8692, 0.3105,
0.3595


 0.0000, 0.0000,
0.0000


 53.0280, 0.3077,
0.3874

 53.0280, 0.3077,
0.3874


 50.5095, 0.3054,
0.4182

 55.9968, 0.3100,
0.3595


 48.4129, 0.3032,
0.4513


 59.4291, 0.3122,
0.3349


 46.7172, 0.3012,
0.4853

 63.3462, 0.3142,
0.3133

 45.3967, 0.2996,
0.5184

 67.7659, 0.3161,
0.2947

 44.4229, 0.2986,
0.5481

 71.6733, 0.3151,
0.2792

■ 43.7631, 0.2983,
0.5722

■ 43.3783, 0.2986,
0.5888

■ 43.2238, 0.2989,
0.5962

Harmonies

Analogous

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



53.0280, 0.3458, 0.3984



53.0280, 0.3077, 0.3874



53.0280, 0.2724, 0.3572

Triad

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



53.0280, 0.3077, 0.3874



53.0280, 0.2514, 0.2697



53.0280, 0.3810, 0.3322

Complementary

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



53.0280, 0.3077, 0.3874



41.4897, 0.3180, 0.2768

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.



53.0280, 0.3526, 0.3021



53.0280, 0.3077, 0.3874



53.0280, 0.2773, 0.2671

Square

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



53.0280, 0.3077, 0.3874



53.0280, 0.2413, 0.2879



53.0280, 0.3140, 0.2789



53.0280, 0.3896, 0.3633

Rectangle

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



53.0280, 0.3077, 0.3874



53.0280, 0.2549, 0.3321



53.0280, 0.3140, 0.2789



53.0280, 0.3734, 0.3218

Sweetspot

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



53.0302, 0.3077, 0.3874



95.7431, 0.3112, 0.3456



58.1765, 0.3446, 0.3852



20.4184, 0.3111, 0.3471



0.0000, 0.0000, 0.0000



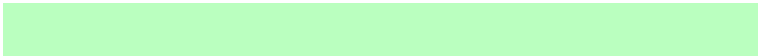
21.4041, 0.3127, 0.3290

Same Dimension

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



53.0302, 0.3077, 0.3874



85.7273, 0.3066, 0.4018



53.8876, 0.2928, 0.3565



12.5488, 0.3107, 0.3513



27.2058, 0.2987, 0.5952



1.4078, 0.2943, 0.5794

Inverse Universe

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



41.4897, 0.3180, 0.2768



63.3700, 0.3193, 0.2657



40.5164, 0.3384, 0.3031



11.3904, 0.3148, 0.3077



10.4379, 0.3382, 0.1637



0.5424, 0.3345, 0.1616

Previews

White Background



This preview shows how the Yxy color 53.0280, 0.3077, 0.3874 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 53.0280, 0.3077, 0.3874 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 53.0280, 0.3077, 0.3874

Background



This preview shows how black text looks on a background with the Yxy color 53.0280, 0.3077, 0.3874.



This preview shows how white text looks on a background with the Yxy color 53.0280, 0.3077, 0.3874.

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

53.0280, 0.3077, 0.3874

Protanopia

52.9032, 0.3518, 0.3747

Deuteranopia

52.6302, 0.3596, 0.3527



Tritanopia

52.9521, 0.2794, 0.3087

Trichromacy



Original Color

53.0280, 0.3077, 0.3874

Protanomaly

52.4790, 0.3347, 0.3792

Deuteranomaly

52.2499, 0.3386, 0.3642

Tritanomaly

53.0961, 0.2898, 0.3367

Monochromacy



Original Color

53.0280, 0.3077, 0.3874

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.9478, 0.3109, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0280, 0.3077, 0.3874 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(158, 204, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 204, 161) }
```

Border

The CSS property to change the border of an element to Yxy 53.0280, 0.3077, 0.3874 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, 161) }
```

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

```
.border{ border-color:rgb(158, 204, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 204, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 204, 161);  
box-shadow:4px 4px 4px 4px rgb(158, 204,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0280, 0.3077, 0.3874 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, 161) }
```

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

```
.background{ background-color: rgb(158,  
204, 161) }
```

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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