

Converting Colors

Yxy(53.7969, 0.3023, 0.3944)

Have a look what the booklet for
Yxy(53.7969, 0.3023, 0.3944)
contains.

Yxy(53.6477, 0.3025, 0.3935)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.6477, 0.3025, 0.3935)

Conversions

Conversions Part 1

Format	Color
Hex	96CFA0
RGB	150, 207, 160
RGB Percent	59%, 81%, 63%
CMY	0.4116, 0.1882, 0.3725
CMYK	0.28, 0.00, 0.23, 0.19
HSL	131°, 37%, 70%
HSV	131°, 28%, 81%
XYZ	41.2412, 53.6477, 41.4457
YIQ	184.5990, -18.8850, -26.7010

Conversions

Conversions Part 2

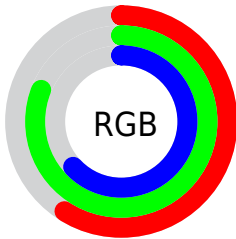
Format	Color
RYB	150, 198, 207
Decimal	9883552
CIELab	78.26, -27.74, 17.57
CIELCh	78, 32.837, 147.662
Yxy	53.6477, 0.3025, 0.3935
Android (android.graphics.Color)	4288073632 (0xFF96CFA0)
YUV	184.5990, -12.1273, -30.3433
Hunter-Lab	73.2446, -27.6715, 17.7217

Details

The Yxy color **53.6477, 0.3025, 0.3935** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.1206, 0.3250, 0.2721**, and the grayscale version is **48.3632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4054, 0.3046, 0.3721**, and **26.0806, 0.2986, 0.4128** is the 20% darker color. If you saturate the color by 10%, you get **51.2989, 0.2991, 0.4218**, and if you desaturate by 10%, it is **56.4300, 0.3062, 0.3677**.

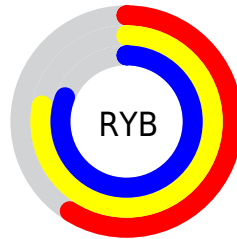
Distribution



Red (59%)

Green (81%)

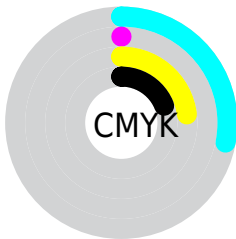
Blue (63%)



Red (59%)

Yellow (78%)

Blue (81%)

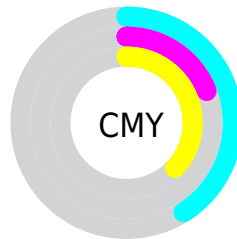


Cyan (28%)

Magenta (0%)

Yellow (23%)

Black (19%)



Cyan (41%)

Magenta (19%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6477, 0.3025, 0.3935 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 53.6477, 0.3025, 0.3935 by changing the saturation by 10% instead.


 53.6477, 0.3025,
0.3935


 53.6477, 0.3025,
0.3935


400.7652, 0.3082,
0.3607

 38.3201, 0.3009,
0.4018


 95.5568, 0.3047,
0.3815

 26.2312, 0.2988,
0.4126


 122.9070, 0.3055,
0.3770

 16.9967, 0.2958,
0.4271


155.0336, 0.3061,
0.3732

 10.2321, 0.2913,
0.4476

192.3209, 0.3066,
0.3700

 5.5531, 0.2838,
0.4785

235.1533, 0.3071,
0.3672

 2.5753, 0.2698,
0.5300

283.9152, 0.3075,

 0.9143, 0.1731,

0.3648

0.8269

338.9910, 0.3079,
0.3626

0.0000, 0.0000,
0.0000

53.6477, 0.3025,
0.3935

53.6477, 0.3025,
0.3935

51.2989, 0.2991,
0.4218

56.4300, 0.3062,
0.3677

49.3552, 0.2961,
0.4520

59.6590, 0.3099,
0.3446

47.7954, 0.2938,
0.4829

63.3558, 0.3136,
0.3242

46.5936, 0.2925,
0.5131

67.5381, 0.3172,
0.3064

45.7206, 0.2924,
0.5407

72.2225, 0.3205,
0.2910

■ 45.1427, 0.2934,
0.5639

■ 73.1040, 0.3149,
0.2821

■ 44.8138, 0.2954,
0.5814

■ 44.7530, 0.2958,
0.5848

Harmonies

Analogous

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



53.6477, 0.3459, 0.4082



53.6477, 0.3025, 0.3935



53.6477, 0.2636, 0.3571

Triad

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



53.6477, 0.3025, 0.3935



53.6477, 0.2456, 0.2610



53.6477, 0.3925, 0.3356

Complementary

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



53.6477, 0.3025, 0.3935



39.1206, 0.3250, 0.2721

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.



53.6477, 0.3619, 0.3016



53.6477, 0.3025, 0.3935



53.6477, 0.2760, 0.2600

Square

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



53.6477, 0.3025, 0.3935



53.6477, 0.2326, 0.2794



53.6477, 0.3183, 0.2747



53.6477, 0.3997, 0.3704

Rectangle

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



53.6477, 0.3025, 0.3935



53.6477, 0.2451, 0.3280



53.6477, 0.3183, 0.2747



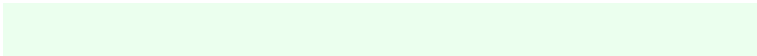
53.6477, 0.3845, 0.3238

Sweetspot

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



53.6500, 0.3025, 0.3935



95.2975, 0.3097, 0.3458



58.7654, 0.3462, 0.3990



20.2201, 0.3091, 0.3492



0.0000, 0.0000, 0.0000



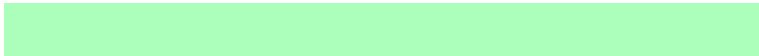
21.4041, 0.3127, 0.3290

Same Dimension

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



53.6500, 0.3025, 0.3935



83.6891, 0.3004, 0.4099



54.7426, 0.2845, 0.3542



13.2396, 0.3092, 0.3487



28.2073, 0.2953, 0.5830



1.5877, 0.2864, 0.5511

Inverse Universe

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



39.1206, 0.3250, 0.2721



56.6356, 0.3282, 0.2598



37.9541, 0.3524, 0.3053



11.9720, 0.3164, 0.3100



10.2163, 0.3705, 0.1815



0.5808, 0.3599, 0.1756

Previews

White Background



This preview shows how the Yxy color 53.6477, 0.3025, 0.3935 looks on a white background.

Color Contrast Check

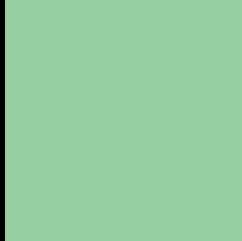
Large Text (above 18pt) WCAG AA × Fail

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 53.6477, 0.3025, 0.3935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

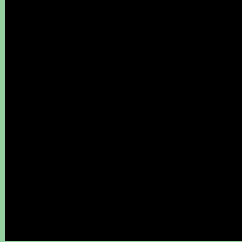
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6477, 0.3025, 0.3935

Background



This preview shows how black text looks on a background with the Yxy color 53.6477, 0.3025, 0.3935.



This preview shows how white text looks on a background with the Yxy color 53.6477, 0.3025, 0.3935.

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

53.6477, 0.3025, 0.3935

Protanopia

53.4190, 0.3540, 0.3782

Deuteranopia

53.3640, 0.3611, 0.3537



Tritanopia

53.7400, 0.2731, 0.3086

Trichromacy



Original Color

53.6477, 0.3025, 0.3935

Protanomaly

53.1028, 0.3334, 0.3832

Deuteranomaly

52.9637, 0.3381, 0.3680

Tritanomaly

53.7653, 0.2832, 0.3381

Monochromacy



Original Color

53.6477, 0.3025, 0.3935

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

50.0452, 0.3085, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6477, 0.3025, 0.3935 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(150, 207, 160)` looks like.

```
.text, #text, p{  
    color:rgb(150, 207, 160)  
}
```

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(150, 207, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 207, 160) }
```

Border

The CSS property to change the border of an element to Yxy 53.6477, 0.3025, 0.3935 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(150, 207, 160) }
```

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

```
.border{ border-color:rgb(150, 207, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 207, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 207, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 207, 160); box-shadow:4px 4px 4px 4px rgb(150, 207, 160) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6477, 0.3025, 0.3935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 207, 160) }
```

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

```
.background{ background-color: rgb(150,  
207, 160) }
```

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