

Converting Colors

Yxy(53.1682, 0.3034, 0.3918)

Have a look what the booklet for
Yxy(53.1682, 0.3034, 0.3918)
contains.

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Color

Yxy(53.2600, 0.3032, 0.3922)

Conversions

Conversions Part 1

Format	Color
Hex	97CEA0
RGB	151, 206, 160
RGB Percent	59%, 81%, 63%
CMY	0.4080, 0.1921, 0.3726
CMYK	0.27, 0.00, 0.22, 0.19
HSL	130°, 36%, 70%
HSV	130°, 27%, 81%
XYZ	41.1740, 53.2600, 41.3641
YIQ	184.3110, -18.0140, -25.9660

Conversions

Conversions Part 2

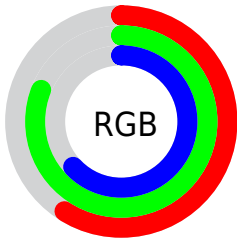
Format	Color
RYB	151, 198, 206
Decimal	9948832
CIELab	78.03, -26.97, 17.27
CIELCh	78, 32.024, 147.369
Yxy	53.2600, 0.3032, 0.3922
Android (android.graphics.Color)	4288138912 (0xFF97CEA0)
YUV	184.3110, -11.9853, -29.2137
Hunter-Lab	72.9794, -27.0069, 17.4806

Details

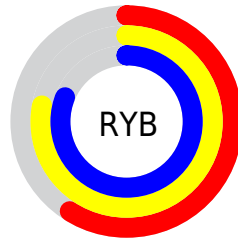
The Yxy color **53.2600, 0.3032, 0.3922** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.2773, 0.3240, 0.2731**, and the grayscale version is **48.1861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5481, 0.3052, 0.3720**, and **25.8686, 0.3004, 0.4108** is the 20% darker color. If you saturate the color by 10%, you get **50.8992, 0.2998, 0.4207**, and if you desaturate by 10%, it is **56.0531, 0.3068, 0.3662**.

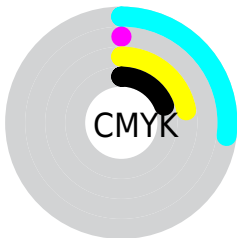
Distribution



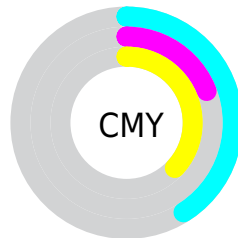
- Red (59%)
- Green (81%)
- Blue (63%)



- Red (59%)
- Yellow (78%)
- Blue (81%)



- Cyan (27%)
- Magenta (0%)
- Yellow (22%)
- Black (19%)



- Cyan (41%)
- Magenta (19%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2600, 0.3032, 0.3922 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 53.2600, 0.3032, 0.3922 by changing the saturation by 10% instead.


 53.2600, 0.3032,
0.3922


 53.2600, 0.3032,
0.3922


399.2818, 0.3085,
0.3601

 38.0104, 0.3017,
0.4004


 94.9868, 0.3052,
0.3804

 25.9907, 0.2997,
0.4110


 122.2328, 0.3060,
0.3760

 16.8167, 0.2969,
0.4252


154.2464, 0.3066,
0.3723

 10.1039, 0.2926,
0.4453

191.4120, 0.3071,
0.3691

 5.4679, 0.2855,
0.4757

234.1139, 0.3075,
0.3664

 2.5243, 0.2720,
0.5265

282.7366, 0.3079,

 0.8888, 0.1734,

0.3640

0.8266

337.6644, 0.3082,
0.3619

0.0000, 0.0000,
0.0000

53.2600, 0.3032,
0.3922

53.2600, 0.3032,
0.3922

50.8992, 0.2998,
0.4207

56.0531, 0.3068,
0.3662

48.9428, 0.2969,
0.4511

59.2918, 0.3103,
0.3430

47.3697, 0.2946,
0.4824

62.9967, 0.3139,
0.3226

46.1544, 0.2933,
0.5129

67.1855, 0.3172,
0.3048

45.2683, 0.2930,
0.5409

71.8747, 0.3204,
0.2893

■ 44.6780, 0.2939,
0.5644

■ 72.6280, 0.3150,
0.2811

■ 44.3410, 0.2957,
0.5819

■ 44.2623, 0.2962,
0.5864

Harmonies

Analogous

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



53.2600, 0.3456, 0.4063



53.2600, 0.3032, 0.3922



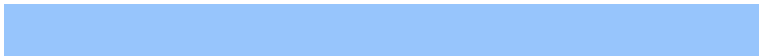
53.2600, 0.2650, 0.3569

Triad

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



53.2600, 0.3032, 0.3922



53.2600, 0.2468, 0.2625



53.2600, 0.3905, 0.3352

Complementary

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



53.2600, 0.3032, 0.3922



39.2773, 0.3240, 0.2731

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.



53.2600, 0.3604, 0.3019



53.2600, 0.3032, 0.3922



53.2600, 0.2765, 0.2614

Square

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



53.2600, 0.3032, 0.3922



53.2600, 0.2342, 0.2808



53.2600, 0.3178, 0.2756



53.2600, 0.3978, 0.3693

Rectangle

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



53.2600, 0.3032, 0.3922



53.2600, 0.2468, 0.3285



53.2600, 0.3178, 0.2756



53.2600, 0.3826, 0.3237

Sweetspot

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



53.2622, 0.3032, 0.3922



95.2840, 0.3098, 0.3461



58.3539, 0.3459, 0.3967



20.2167, 0.3093, 0.3495



0.0000, 0.0000, 0.0000



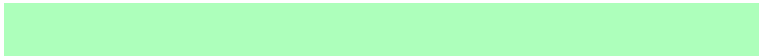
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2622, 0.3032, 0.3922



84.0283, 0.3013, 0.4081



54.3014, 0.2859, 0.3546



12.5665, 0.3094, 0.3489



27.2616, 0.2957, 0.5846



1.4160, 0.2866, 0.5518

Inverse Universe

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



39.2773, 0.3240, 0.2731



57.6888, 0.3269, 0.2611



38.1578, 0.3499, 0.3049



11.3709, 0.3162, 0.3098



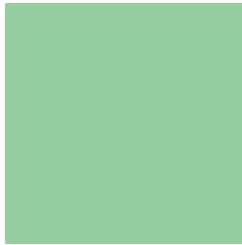
9.9316, 0.3668, 0.1795



0.5210, 0.3564, 0.1737

Previews

White Background



This preview shows how the Yxy color 53.2600, 0.3032, 0.3922 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 53.2600, 0.3032, 0.3922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

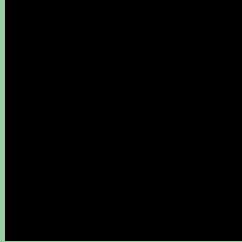
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2600, 0.3032, 0.3922

Background



This preview shows how black text looks on a background with the Yxy color 53.2600, 0.3032, 0.3922.



This preview shows how white text looks on a background with the Yxy color 53.2600, 0.3032, 0.3922.

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

53.2600, 0.3032, 0.3922

Protanopia

52.8366, 0.3534, 0.3772

Deuteranopia

52.7504, 0.3613, 0.3538



Tritanopia

53.3302, 0.2742, 0.3086

Trichromacy



Original Color

53.2600, 0.3032, 0.3922

Protanomaly

52.6471, 0.3336, 0.3820

Deuteranomaly

52.5200, 0.3383, 0.3668

Tritanomaly

53.3493, 0.2844, 0.3381

Monochromacy



Original Color

53.2600, 0.3032, 0.3922

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.5651, 0.3092, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2600, 0.3032, 0.3922 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(151, 206, 160)` looks like.

```
.text, #text, p{  
    color:rgb(151, 206, 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(151, 206, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 206, 160) }
```

Border

The CSS property to change the border of an element to Yxy 53.2600, 0.3032, 0.3922 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(151, 206, 160) }
```

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

```
.border{ border-color:rgb(151, 206, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 206, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 206, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 206, 160); box-shadow:4px 4px 4px 4px rgb(151, 206, 160) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2600, 0.3032, 0.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 206, 160) }
```

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

```
.background{ background-color: rgb(151,  
206, 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](#).

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