

Converting Colors

Yxy(53.7620, 0.3048, 0.3959)

Have a look what the booklet for
Yxy(53.7620, 0.3048, 0.3959)
contains.

Yxy(53.7697, 0.3052, 0.3961)	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(53.7697, 0.3052, 0.3961)

Conversions

Conversions Part 1

Format	Color
Hex	98CF9E
RGB	152, 207, 158
RGB Percent	60%, 81%, 62%
CMY	0.4040, 0.1882, 0.3803
CMYK	0.27, 0.00, 0.24, 0.19
HSL	127°, 36%, 70%
HSV	127°, 27%, 81%
XYZ	41.4302, 53.7697, 40.5479
YIQ	184.9690, -17.0510, -26.8990

Conversions

Conversions Part 2

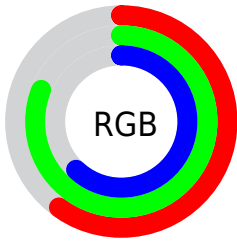
Format	Color
RYB	152, 202, 207
Decimal	10014622
CIELab	78.33, -27.47, 18.74
CIELCh	78, 33.259, 145.699
Yxy	53.7697, 0.3052, 0.3961
Android (android.graphics.Color)	4288204702 (0xFF98CF9E)
YUV	184.9690, -13.2957, -28.9138
Hunter-Lab	73.3278, -27.4712, 18.5441

Details

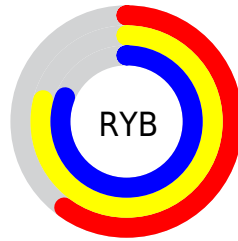
The Yxy color **53.7697, 0.3052, 0.3961** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.9302, 0.3212, 0.2700**, and the grayscale version is **48.5787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5895, 0.3069, 0.3741**, and **26.1497, 0.3021, 0.4163** is the 20% darker color. If you saturate the color by 10%, you get **51.3583, 0.3024, 0.4265**, and if you desaturate by 10%, it is **56.6293, 0.3081, 0.3684**.

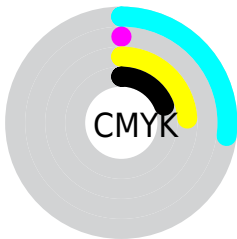
Distribution



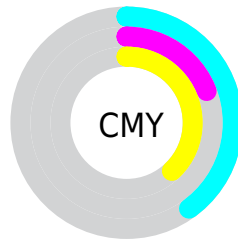
- Red (60%)
- Green (81%)
- Blue (62%)



- Red (60%)
- Yellow (79%)
- Blue (81%)



- Cyan (27%)
- Magenta (0%)
- Yellow (24%)
- Black (19%)




- Cyan (40%)
- Magenta (19%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7697, 0.3052, 0.3961 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 53.7697, 0.3052, 0.3961 by changing the saturation by 10% instead.

 53.7697, 0.3052,
0.3961


 53.7697, 0.3052,
0.3961


401.2312, 0.3096,
0.3620

 38.4176, 0.3039,
0.4048


 95.7360, 0.3069,
0.3836

 26.3069, 0.3021,
0.4160


 123.1190, 0.3075,
0.3789

 17.0534, 0.2996,
0.4311


155.2810, 0.3080,
0.3750

 10.2726, 0.2956,
0.4523

192.6066, 0.3085,
0.3716

 5.5801, 0.2889,
0.4843

235.4799, 0.3088,
0.3687

 2.5915, 0.2759,
0.5376

284.2856, 0.3091,

 0.9224, 0.1822,

0.3662

0.8178

339.4079, 0.3094,
0.3640

0.0000, 0.0000,
0.0000

53.7697, 0.3052,
0.3961

53.7697, 0.3052,
0.3961

51.3583, 0.3024,
0.4265

56.6293, 0.3081,
0.3684

49.3661, 0.2999,
0.4588

59.9512, 0.3109,
0.3436

47.7710, 0.2979,
0.4916

63.7570, 0.3136,
0.3219

46.5462, 0.2966,
0.5231

68.0652, 0.3162,
0.3030

45.6617, 0.2961,
0.5511

72.8022, 0.3182,
0.2866

■ 45.0825, 0.2966,
0.5736

■ 73.1100, 0.3149,
0.2821

■ 44.7644, 0.2977,
0.5890

■ 44.6908, 0.2980,
0.5928

Harmonies

Analogous

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



53.7697, 0.3490, 0.4092



53.7697, 0.3052, 0.3961



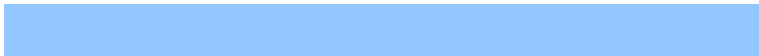
53.7697, 0.2653, 0.3603

Triad

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



53.7697, 0.3052, 0.3961



53.7697, 0.2434, 0.2609



53.7697, 0.3921, 0.3333

Complementary

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



53.7697, 0.3052, 0.3961



39.9302, 0.3212, 0.2700

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.



53.7697, 0.3598, 0.2992



53.7697, 0.3052, 0.3961



53.7697, 0.2731, 0.2588

Square

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



53.7697, 0.3052, 0.3961



53.7697, 0.2315, 0.2806



53.7697, 0.3154, 0.2727



53.7697, 0.4011, 0.3686

Rectangle

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



53.7697, 0.3052, 0.3961



53.7697, 0.2458, 0.3308



53.7697, 0.3154, 0.2727



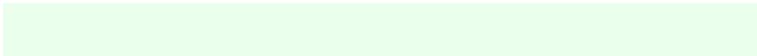
53.7697, 0.3835, 0.3214

Sweetspot

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



53.7720, 0.3052, 0.3961



95.2192, 0.3105, 0.3472



59.3839, 0.3480, 0.3959



20.2006, 0.3100, 0.3508



0.0000, 0.0000, 0.0000



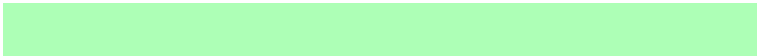
21.4041, 0.3127, 0.3290

Same Dimension

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



53.7720, 0.3052, 0.3961



83.8420, 0.3036, 0.4134



54.8055, 0.2877, 0.3583



13.2271, 0.3101, 0.3503



28.1614, 0.2976, 0.5915



1.5819, 0.2912, 0.5683

Inverse Universe

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



39.9302, 0.3212, 0.2700



57.9574, 0.3234, 0.2571



38.7701, 0.3470, 0.3016



11.9858, 0.3154, 0.3086



10.5543, 0.3504, 0.1704



0.5967, 0.3443, 0.1670

Previews

White Background



This preview shows how the Yxy color 53.7697, 0.3052, 0.3961 looks on a white background.

Color Contrast Check

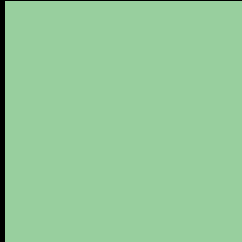
Large Text (above 18pt) WCAG AA × Fail

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 53.7697, 0.3052, 0.3961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

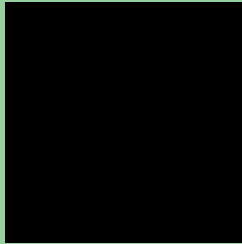
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7697, 0.3052, 0.3961

Background



This preview shows how black text looks on a background with the Yxy color 53.7697, 0.3052, 0.3961.



This preview shows how white text looks on a background with the Yxy color 53.7697, 0.3052, 0.3961.

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

53.7697, 0.3052, 0.3961

Protanopia

53.4961, 0.3565, 0.3806

Deuteranopia

53.2918, 0.3628, 0.3561



Tritanopia

53.4345, 0.2749, 0.3087

Trichromacy



Original Color

53.7697, 0.3052, 0.3961

Protanomaly

53.1604, 0.3357, 0.3857

Deuteranomaly

53.0271, 0.3405, 0.3704

Tritanomaly

53.4052, 0.2857, 0.3394

Monochromacy



Original Color

53.7697, 0.3052, 0.3961

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

50.1193, 0.3100, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7697, 0.3052, 0.3961 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(152, 207, 158)` looks like.

```
.text, #text, p{  
    color:rgb(152, 207, 158)  
}
```

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(152, 207, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 207, 158) }
```

Border

The CSS property to change the border of an element to Yxy 53.7697, 0.3052, 0.3961 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(152, 207, 158) }
```

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

```
.border{ border-color:rgb(152, 207, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 207, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 207, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 207, 158);  
box-shadow:4px 4px 4px 4px rgb(152, 207,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7697, 0.3052, 0.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 207, 158) }
```

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

```
.background{ background-color: rgb(152,  
207, 158) }
```

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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