

Converting Colors

Yxy(51.3698, 0.3162, 0.3985)

Have a look what the booklet for
Yxy(51.3698, 0.3162, 0.3985)
contains.

Yxy(51.3462, 0.3163, 0.3991)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.3462, 0.3163, 0.3991)

Conversions

Conversions Part 1

Format	Color
Hex	9FC996
RGB	159, 201, 150
RGB Percent	62%, 79%, 59%
CMY	0.3763, 0.2118, 0.4118
CMYK	0.21, 0.00, 0.25, 0.21
HSL	109°, 32%, 69%
HSV	109°, 25%, 79%
XYZ	40.6936, 51.3462, 36.6152
YIQ	182.6280, -8.6610, -24.7650

Conversions

Conversions Part 2

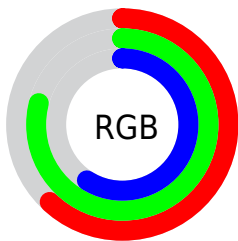
Format	Color
RYB	150, 201, 192
Decimal	10471830
CIELab	76.89, -23.53, 21.07
CIELCh	77, 31.589, 138.157
Yxy	51.3462, 0.3163, 0.3991
Android (android.graphics.Color)	4288661910 (0xFF9FC996)
YUV	182.6280, -16.0856, -20.7218
Hunter-Lab	71.6563, -24.0284, 19.8631

Details

The Yxy color **51.3462, 0.3163, 0.3991** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.2272, 0.3071, 0.2648**, and the grayscale version is **47.2365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1758, 0.3163, 0.3834**, and **24.8941, 0.3164, 0.4201** is the 20% darker color. If you saturate the color by 10%, you get **49.1760, 0.3171, 0.4314**, and if you desaturate by 10%, it is **53.8581, 0.3151, 0.3692**.

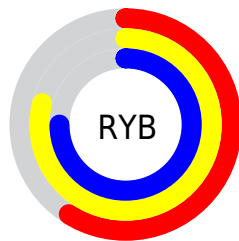
Distribution



Red (62%)

Green (79%)

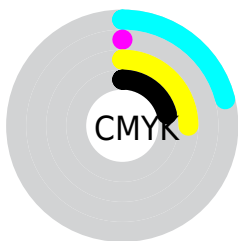
Blue (59%)



Red (59%)

Yellow (79%)

Blue (75%)

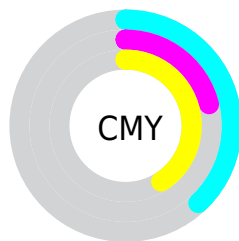


Cyan (21%)

Magenta (0%)

Yellow (25%)

Black (21%)



Cyan (38%)


Magenta (21%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3462, 0.3163, 0.3991 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 51.3462, 0.3163, 0.3991 by changing the saturation by 10% instead.

 51.3462, 0.3163,
0.3991


 51.3462, 0.3163,
0.3991

391.9074, 0.3153,
0.3633

 36.4842, 0.3163,
0.4083


 92.1663, 0.3161,
0.3859

 24.8084, 0.3161,
0.4201


 118.8932, 0.3160,
0.3810

 15.9344, 0.3156,
0.4361


150.3439, 0.3159,
0.3769

 9.4777, 0.3144,
0.4586

186.9027, 0.3157,
0.3734

 5.0541, 0.3112,
0.4927

228.9540, 0.3156,
0.3703

 2.2790, 0.3066,
0.5561

276.8823, 0.3155,

 0.7626, 0.1647,

0.3677

0.8353

331.0720, 0.3154,
0.3654

0.0000, 0.0000,
0.0000

51.3462, 0.3163,
0.3991

51.3462, 0.3163,
0.3991

49.1760, 0.3171,
0.4314

53.8581, 0.3151,
0.3692

47.3262, 0.3174,
0.4652

56.7188, 0.3136,
0.3423

45.7834, 0.3169,
0.4989

59.9433, 0.3119,
0.3183

44.5307, 0.3155,
0.5305

63.5439, 0.3103,
0.2972

43.5492, 0.3132,
0.5577

67.5324, 0.3086,
0.2788

■ 42.8179, 0.3102,
0.5784

■ 70.2525, 0.3152,
0.2762

■ 42.3124, 0.3068,
0.5915

■ 42.1409, 0.3054,
0.5957

Harmonies

Analogous

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



51.3462, 0.3577, 0.4055



51.3462, 0.3163, 0.3991



51.3462, 0.2757, 0.3692

Triad

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



51.3462, 0.3163, 0.3991



51.3462, 0.2411, 0.2664



51.3462, 0.3832, 0.3246

Complementary

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



51.3462, 0.3163, 0.3991



37.2272, 0.3071, 0.2648

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.



51.3462, 0.3479, 0.2929



51.3462, 0.3163, 0.3991



51.3462, 0.2659, 0.2601

Square

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



51.3462, 0.3163, 0.3991



51.3462, 0.2342, 0.2898



51.3462, 0.3044, 0.2698



51.3462, 0.3981, 0.3591

Rectangle

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



51.3462, 0.3163, 0.3991



51.3462, 0.2544, 0.3416



51.3462, 0.3044, 0.2698



51.3462, 0.3732, 0.3134

Sweetspot

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



51.3484, 0.3163, 0.3991



95.7097, 0.3140, 0.3493



52.1633, 0.3533, 0.3810



20.3229, 0.3142, 0.3534



0.0000, 0.0000, 0.0000



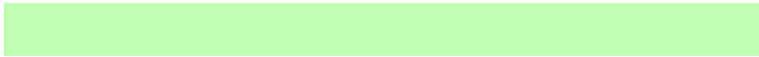
21.4041, 0.3127, 0.3290

Same Dimension

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



51.3484, 0.3163, 0.3991



85.9689, 0.3168, 0.4151



51.0140, 0.2984, 0.3772



11.9768, 0.3142, 0.3527



26.5257, 0.3060, 0.5952



1.2845, 0.3192, 0.5848

Inverse Universe

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



37.2272, 0.3071, 0.2648



58.0383, 0.3057, 0.2517



37.7230, 0.3307, 0.2853



10.7179, 0.3110, 0.3060



7.7421, 0.2768, 0.1299



0.3922, 0.2866, 0.1352

Previews

White Background



This preview shows how the Yxy color 51.3462, 0.3163, 0.3991 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 51.3462, 0.3163, 0.3991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

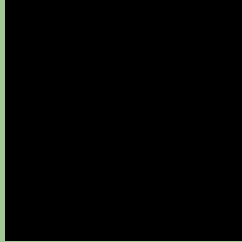
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3462, 0.3163, 0.3991

Background



This preview shows how black text looks on a background with the Yxy color 51.3462, 0.3163, 0.3991.



This preview shows how white text looks on a background with the Yxy color 51.3462, 0.3163, 0.3991.

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

51.3462, 0.3163, 0.3991

Protanopia

50.9654, 0.3598, 0.3853

Deuteranopia

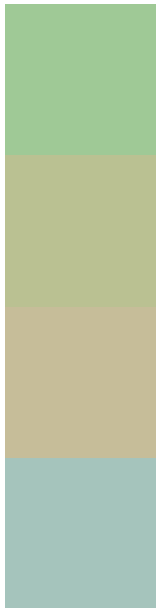
51.0046, 0.3700, 0.3624



Tritanopia

51.1784, 0.2830, 0.3086

Trichromacy



Original Color

51.3462, 0.3163, 0.3991

Protanomaly

50.6544, 0.3429, 0.3903

Deuteranomaly

50.7009, 0.3489, 0.3745

Tritanomaly

51.1100, 0.2945, 0.3395

Monochromacy



Original Color

51.3462, 0.3163, 0.3991

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.7659, 0.3140, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3462, 0.3163, 0.3991 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(159, 201, 150)` looks like.

```
.text, #text, p{  
    color:rgb(159, 201, 150)  
}
```

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(159, 201, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 201, 150) }
```

Border

The CSS property to change the border of an element to Yxy 51.3462, 0.3163, 0.3991 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(159, 201, 150) }
```

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

```
.border{ border-color:rgb(159, 201, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 201, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 201, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 201, 150);  
box-shadow:4px 4px 4px 4px rgb(159, 201,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3462, 0.3163, 0.3991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 201, 150) }
```

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

```
.background{ background-color: rgb(159,  
201, 150) }
```

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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