

Converting Colors

Yxy(51.2743, 0.3149, 0.3989)

Have a look what the booklet for
Yxy(51.2743, 0.3149, 0.3989)
contains.

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Color

Yxy(51.2444, 0.3155, 0.3993)

Conversions

Conversions Part 1

Format	Color
Hex	9EC996
RGB	158, 201, 150
RGB Percent	62%, 79%, 59%
CMY	0.3804, 0.2117, 0.4119
CMYK	0.21, 0.00, 0.25, 0.21
HSL	111°, 32%, 69%
HSV	111°, 25%, 79%
XYZ	40.4899, 51.2444, 36.6013
YIQ	182.3290, -9.2570, -24.9770

Conversions

Conversions Part 2

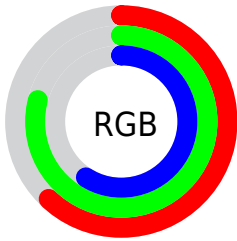
Format	Color
RYB	150, 201, 193
Decimal	10406294
CIELab	76.83, -23.90, 20.98
CIELCh	77, 31.803, 138.714
Yxy	51.2444, 0.3155, 0.3993
Android (android.graphics.Color)	4288596374 (0xFF9EC996)
YUV	182.3290, -15.9382, -21.3365
Hunter-Lab	71.5852, -24.3113, 19.7948

Details

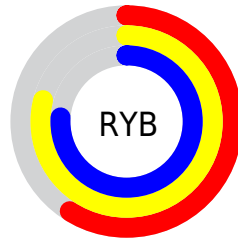
The Yxy color **51.2444, 0.3155, 0.3993** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.3593, 0.3081, 0.2650**, and the grayscale version is **47.0598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0258, 0.3157, 0.3835**, and **24.8325, 0.3153, 0.4203** is the 20% darker color. If you saturate the color by 10%, you get **49.0524, 0.3160, 0.4318**, and if you desaturate by 10%, it is **53.7887, 0.3146, 0.3693**.

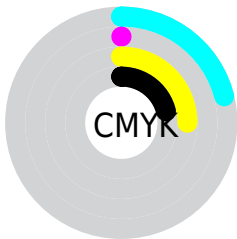
Distribution



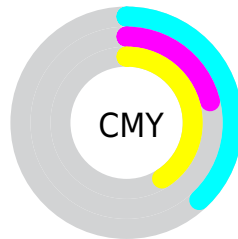
- Red (62%)
- Green (79%)
- Blue (59%)



- Red (59%)
- Yellow (79%)
- Blue (76%)



- Cyan (21%)
- Magenta (0%)
- Yellow (25%)
- Black (21%)




- Cyan (38%)
- Magenta (21%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2444, 0.3155, 0.3993 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 51.2444, 0.3155, 0.3993 by changing the saturation by 10% instead.

 51.2444, 0.3155,
0.3993

 51.2444, 0.3155,
0.3993

391.5126, 0.3149,
0.3634

 36.4031, 0.3154,
0.4085

 92.0159, 0.3155,
0.3861

 24.7457, 0.3151,
0.4204


 118.7150, 0.3154,
0.3811

 15.8877, 0.3144,
0.4365

150.1355, 0.3153,
0.3770

 9.4447, 0.3129,
0.4592

186.6617, 0.3152,
0.3735

 5.0324, 0.3094,
0.4935

228.6782, 0.3151,
0.3704

 2.2663, 0.3043,
0.5576

276.5692, 0.3150,

 0.7558, 0.1515,


0.3678


0.8485

330.7192, 0.3150,
0.3654


 0.0000, 0.0000,
0.0000


 51.2444, 0.3155,
0.3993


 51.2444, 0.3155,
0.3993

 49.0524, 0.3160,
0.4318


 53.7887, 0.3146,
0.3693


 47.1909, 0.3160,
0.4658


 56.6931, 0.3134,
0.3423


 45.6455, 0.3153,
0.4997

 59.9734, 0.3121,
0.3183

 44.3984, 0.3139,
0.5315

 63.6423, 0.3107,
0.2973

 43.4299, 0.3117,
0.5588

 67.7120, 0.3093,
0.2789

■ 42.7178, 0.3088,
0.5795

■ 70.2567, 0.3152,
0.2762

■ 42.2361, 0.3056,
0.5924

■ 42.0771, 0.3044,
0.5965

Harmonies

Analogous

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



51.2444, 0.3573, 0.4062



51.2444, 0.3155, 0.3993



51.2444, 0.2748, 0.3688

Triad

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



51.2444, 0.3155, 0.3993



51.2444, 0.2409, 0.2657



51.2444, 0.3843, 0.3252

Complementary

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



51.2444, 0.3155, 0.3993



37.3593, 0.3081, 0.2650

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.



51.2444, 0.3490, 0.2931



51.2444, 0.3155, 0.3993



51.2444, 0.2661, 0.2596

Square

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



51.2444, 0.3155, 0.3993



51.2444, 0.2336, 0.2889



51.2444, 0.3052, 0.2698



51.2444, 0.3988, 0.3599

Rectangle

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



51.2444, 0.3155, 0.3993



51.2444, 0.2535, 0.3409



51.2444, 0.3052, 0.2698



51.2444, 0.3743, 0.3139

Sweetspot

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



51.2466, 0.3155, 0.3993



95.6385, 0.3138, 0.3494



52.5401, 0.3531, 0.3821



20.3051, 0.3139, 0.3534



0.0000, 0.0000, 0.0000



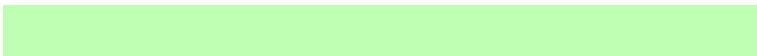
21.4041, 0.3127, 0.3290

Same Dimension

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



51.2466, 0.3155, 0.3993



85.7685, 0.3158, 0.4154



51.0482, 0.2978, 0.3760



11.9665, 0.3139, 0.3527



26.4804, 0.3050, 0.5960



1.2799, 0.3171, 0.5864

Inverse Universe

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



37.3593, 0.3081, 0.2650



58.3115, 0.3069, 0.2519



37.6848, 0.3315, 0.2863



10.7290, 0.3113, 0.3061



8.0173, 0.2818, 0.1326



0.4029, 0.2905, 0.1374

Previews

White Background



This preview shows how the Yxy color 51.2444, 0.3155, 0.3993 looks on a white background.

Color Contrast Check

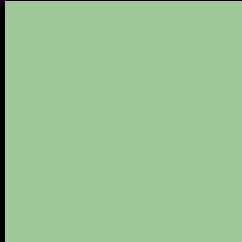
Large Text (above 18pt) WCAG AA × Fail

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 51.2444, 0.3155, 0.3993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

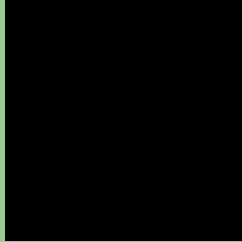
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2444, 0.3155, 0.3993

Background



This preview shows how black text looks on a background with the Yxy color 51.2444, 0.3155, 0.3993.



This preview shows how white text looks on a background with the Yxy color 51.2444, 0.3155, 0.3993.

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

51.2444, 0.3155, 0.3993

Protanopia

50.9654, 0.3598, 0.3853

Deuteranopia

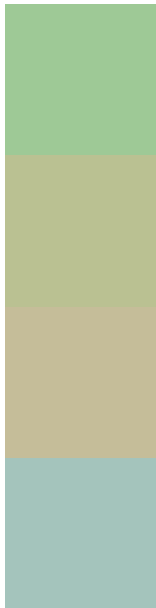
50.8491, 0.3691, 0.3625



Tritanopia

51.0682, 0.2823, 0.3085

Trichromacy



Original Color

51.2444, 0.3155, 0.3993

Protanomaly

50.6544, 0.3429, 0.3903

Deuteranomaly

50.5654, 0.3481, 0.3747

Tritanomaly

51.0032, 0.2937, 0.3395

Monochromacy



Original Color

51.2444, 0.3155, 0.3993

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

48.1817, 0.3140, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2444, 0.3155, 0.3993 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, 201, 150)` looks like.

```
.text, #text, p{  
    color:rgb(158, 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(158, 201, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 201, 150) }
```

Border

The CSS property to change the border of an element to Yxy 51.2444, 0.3155, 0.3993 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, 201, 150) }
```

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

```
.border{ border-color:rgb(158, 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(158, 201, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 201, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 201, 150);  
box-shadow:4px 4px 4px 4px rgb(158, 201,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2444, 0.3155, 0.3993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 201, 150) }
```

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

```
.background{ background-color: rgb(158,  
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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