

Converting Colors

Yxy(51.3615, 0.3097, 0.3826)

Have a look what the booklet for
Yxy(51.3615, 0.3097, 0.3826)
contains.

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Color

Yxy(51.3553, 0.3095, 0.3822)

Conversions

Conversions Part 1	
Format	Color
Hex	A0C8A1
RGB	160, 200, 161
RGB Percent	63%, 78%, 63%
CMY	0.3724, 0.2157, 0.3687
CMYK	0.20, 0.00, 0.20, 0.22
HSL	121°, 27%, 71%
HSV	121°, 20%, 78%
XYZ	41.5868, 51.3553, 41.4255
YIQ	183.5940, -11.3210, -20.6090

Conversions

Conversions Part 2

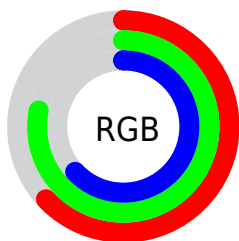
Format	Color
RYB	160, 199, 200
Decimal	10537121
CIELab	76.89, -20.82, 15.24
CIELCh	77, 25.801, 143.795
Yxy	51.3553, 0.3095, 0.3822
Android (android.graphics.Color)	4288727201 (0xFFA0C8A1)
YUV	183.5940, -11.1388, -20.6919
Hunter-Lab	71.6626, -21.8236, 15.8904

Details

The Yxy color **51.3553, 0.3095, 0.3822** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.5577, 0.3158, 0.2810**, and the grayscale version is **47.7672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9249, 0.3102, 0.3702**, and **24.8500, 0.3084, 0.3987** is the 20% darker color. If you saturate the color by 10%, you get **48.8230, 0.3077, 0.4137**, and if you desaturate by 10%, it is **54.3312, 0.3112, 0.3539**.

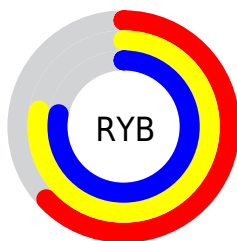
Distribution



Red (63%)

Green (78%)

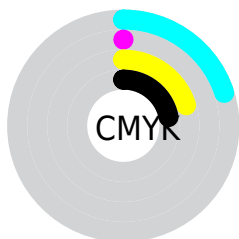
Blue (63%)



Red (63%)

Yellow (78%)

Blue (78%)

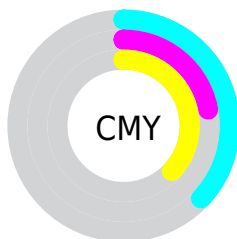


Cyan (20%)

Magenta (0%)

Yellow (20%)

Black (22%)



Cyan (37%)


Magenta (22%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3553, 0.3095, 0.3822 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 51.3553, 0.3095, 0.3822 by changing the saturation by 10% instead.

 51.3553, 0.3095,
0.3822


 51.3553, 0.3095,
0.3822


391.9426, 0.3115,
0.3552

 36.4914, 0.3089,
0.3891


 92.1798, 0.3103,
0.3723

 24.8140, 0.3080,
0.3980


 118.9091, 0.3106,
0.3686

 15.9385, 0.3066,
0.4100


150.3625, 0.3108,
0.3655

 9.4807, 0.3045,
0.4269

186.9242, 0.3110,
0.3628

 5.0560, 0.3007,
0.4527

228.9787, 0.3112,
0.3605

 2.2802, 0.2928,
0.4960


276.9103, 0.3113,


 0.7632, 0.2215,


0.3585


0.7785


331.1035, 0.3114,
0.3567


 0.0000, 0.0000,
0.0000


 51.3553, 0.3095,
0.3822


 51.3553, 0.3095,
0.3822

 48.8230, 0.3077,
0.4137

 54.3312, 0.3112,
0.3539

 46.7068, 0.3059,
0.4477


 57.7636, 0.3127,
0.3290

 44.9866, 0.3040,
0.4828

 61.6728, 0.3141,
0.3073

 43.6377, 0.3024,
0.5171

 66.0762, 0.3153,
0.2886

 42.6327, 0.3011,
0.5479

 69.7885, 0.3152,
0.2752

■ 41.9406, 0.3002,
0.5728

■ 41.5247, 0.2998,
0.5897

■ 41.3191, 0.2996,
0.5986

■ 41.3189, 0.2996,
0.5987

Harmonies

Analogous

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



51.3553, 0.3440, 0.3917



51.3553, 0.3095, 0.3822



51.3553, 0.2771, 0.3556

Triad

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



51.3553, 0.3095, 0.3822



51.3553, 0.2563, 0.2754



51.3553, 0.3739, 0.3313

Complementary

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



51.3553, 0.3095, 0.3822



41.5577, 0.3158, 0.2810

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.



51.3553, 0.3479, 0.3038



51.3553, 0.3095, 0.3822



51.3553, 0.2796, 0.2724

Square

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



51.3553, 0.3095, 0.3822



51.3553, 0.2476, 0.2927



51.3553, 0.3129, 0.2827



51.3553, 0.3824, 0.3597

Rectangle

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



51.3553, 0.3095, 0.3822



51.3553, 0.2608, 0.3331



51.3553, 0.3129, 0.2827



51.3553, 0.3668, 0.3217

Sweetspot

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



51.3575, 0.3095, 0.3822



96.2877, 0.3118, 0.3438



56.0355, 0.3420, 0.3784



20.5269, 0.3117, 0.3455



0.0000, 0.0000, 0.0000



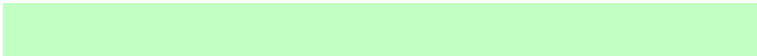
21.4041, 0.3127, 0.3290

Same Dimension

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



51.3575, 0.3095, 0.3822



86.9140, 0.3087, 0.3956



52.1084, 0.2959, 0.3548



11.8919, 0.3113, 0.3523



26.2739, 0.2995, 0.5983



1.2455, 0.2978, 0.5921

Inverse Universe

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



41.5577, 0.3158, 0.2810



66.8820, 0.3166, 0.2704



40.7003, 0.3336, 0.3046



10.8121, 0.3141, 0.3068



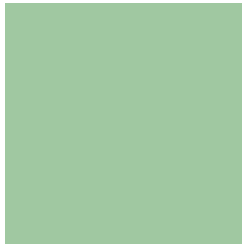
10.3231, 0.3268, 0.1574



0.4902, 0.3255, 0.1567

Previews

White Background



This preview shows how the Yxy color 51.3553, 0.3095, 0.3822 looks on a white background.

Color Contrast Check

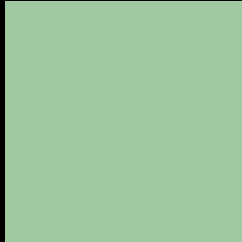
Large Text (above 18pt) WCAG AA × Fail

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 51.3553, 0.3095, 0.3822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

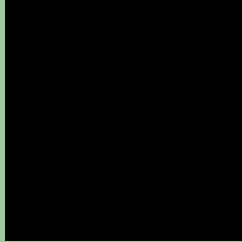
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3553, 0.3095, 0.3822

Background



This preview shows how black text looks on a background with the Yxy color 51.3553, 0.3095, 0.3822.



This preview shows how white text looks on a background with the Yxy color 51.3553, 0.3095, 0.3822.

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

51.3553, 0.3095, 0.3822

Protanopia

51.0749, 0.3483, 0.3704

Deuteranopia

50.7714, 0.3568, 0.3495



Tritanopia

51.0682, 0.2823, 0.3085

Trichromacy



Original Color
51.3553, 0.3095, 0.3822

Protanomaly
50.9228, 0.3328, 0.3745

Deuteranomaly
50.8113, 0.3383, 0.3606

Tritanomaly
51.2850, 0.2917, 0.3342

Monochromacy



Original Color
51.3553, 0.3095, 0.3822

Achromatopsia
47.9320, 0.3127, 0.3290

Achromatomaly
49.0755, 0.3110, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3553, 0.3095, 0.3822 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(160, 200, 161) looks like.

```
.text, #text, p{  
    color:rgb(160, 200, 161)  
}
```

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(160, 200, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 200, 161) }
```

Border

The CSS property to change the border of an element to Yxy 51.3553, 0.3095, 0.3822 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(160, 200, 161) }
```

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

```
.border{ border-color:rgb(160, 200, 161) }
```

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

Here you see how a box with a 4 pixel rgb(160, 200, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 200, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 200, 161);  
box-shadow:4px 4px 4px 4px rgb(160, 200,  
161) }
```

Background

The CSS property to change the background color of an element to Yxy 51.3553, 0.3095, 0.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 200, 161) }
```

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

```
.background{ background-color: rgb(160,  
200, 161) }
```

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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