

Converting Colors

Yxy(55.1363, 0.3293, 0.4220)

Have a look what the booklet for
Yxy(55.1363, 0.3293, 0.4220)
contains.

Yxy(55.1622, 0.3297, 0.4222)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.1622, 0.3297, 0.4222)

Conversions

Conversions Part 1

Format	Color
Hex	A7D08A
RGB	167, 208, 138
RGB Percent	65%, 82%, 54%
CMY	0.3451, 0.1843, 0.4589
CMYK	0.20, 0.00, 0.34, 0.18
HSL	95°, 43%, 68%
HSV	95°, 34%, 82%
XYZ	43.0767, 55.1622, 32.4153
YIQ	187.7610, -1.9660, -30.4620

Conversions

Conversions Part 2

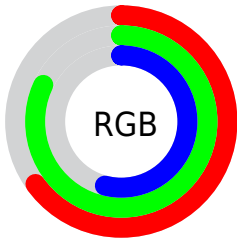
Format	Color
RYB	138, 208, 179
Decimal	10997898
CIELab	79.13, -26.00, 30.48
CIELCh	79, 40.062, 130.462
Yxy	55.1622, 0.3297, 0.4222
Android (android.graphics.Color)	4289187978 (0xFFA7D08A)
YUV	187.7610, -24.5322, -18.2074
Hunter-Lab	74.2713, -26.4463, 26.1131

Details

The Yxy color **55.1622, 0.3297, 0.4222** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.3116, 0.2889, 0.2389**, and the grayscale version is **50.2885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0137, 0.3289, 0.3954**, and **27.0480, 0.3326, 0.4487** is the 20% darker color. If you saturate the color by 10%, you get **53.3536, 0.3335, 0.4532**, and if you desaturate by 10%, it is **57.2160, 0.3251, 0.3922**.

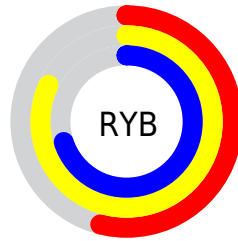
Distribution



Red (65%)

Green (82%)

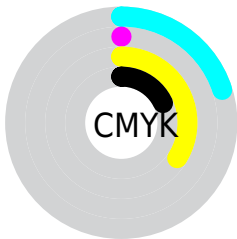
Blue (54%)



Red (54%)

Yellow (82%)

Blue (70%)

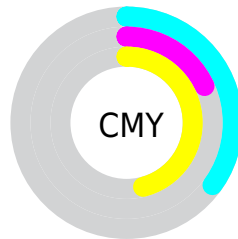


Cyan (20%)

Magenta (0%)

Yellow (34%)

Black (18%)



Cyan (35%)


Magenta (18%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1622, 0.3297, 0.4222 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 55.1622, 0.3297, 0.4222 by changing the saturation by 10% instead.


 55.1622, 0.3297,
0.4222


 55.1622, 0.3297,
0.4222


406.5265, 0.3228,
0.3750


 39.5316, 0.3309,
0.4340

 97.7786, 0.3276,
0.4050

 27.1735, 0.3321,
0.4492


 125.5331, 0.3266,
0.3986

 17.7036, 0.3332,
0.4692


 158.0978, 0.3258,
0.3931

 10.7374, 0.3336,
0.4968

195.8569, 0.3251,
0.3885

 5.8905, 0.3317,
0.5367

239.1950, 0.3244,
0.3844

 2.7786, 0.3369,
0.6237

288.4963, 0.3238,

 1.0173, 0.2430,

0.3809

0.7570

344.1454, 0.3233,
0.3778

0.0000, 0.0000,
0.0000

55.1622, 0.3297,
0.4222

55.1622, 0.3297,
0.4222

53.3536, 0.3335,
0.4532

57.2160, 0.3251,
0.3922

51.7730, 0.3360,
0.4840

59.5173, 0.3200,
0.3639

50.4119, 0.3370,
0.5129


62.0772, 0.3147,
0.3379

49.2584, 0.3361,
0.5385


64.9042, 0.3093,
0.3143

48.2992, 0.3333,
0.5589


68.0061, 0.3042,
0.2932

 47.5185, 0.3286,
0.5734

 70.8787, 0.3042,
0.2816

 47.1016, 0.3252,
0.5800

 73.0847, 0.3129,
0.2828

 73.5959, 0.3149,
0.2831

Harmonies

Analogous

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



55.1622, 0.3787, 0.4205



55.1622, 0.3297, 0.4222



55.1622, 0.2785, 0.3915

Triad

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



55.1622, 0.3297, 0.4222



55.1622, 0.2213, 0.2572



55.1622, 0.3909, 0.3123

Complementary

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



55.1622, 0.3297, 0.4222



32.3116, 0.2889, 0.2389

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.



55.1622, 0.3423, 0.2766



55.1622, 0.3297, 0.4222



55.1622, 0.2456, 0.2452

Square

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



55.1622, 0.3297, 0.4222



55.1622, 0.2187, 0.2901



55.1622, 0.2887, 0.2526



55.1622, 0.4168, 0.3537

Rectangle

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



55.1622, 0.3297, 0.4222



55.1622, 0.2499, 0.3580



55.1622, 0.2887, 0.2526



55.1622, 0.3764, 0.2994

Sweetspot

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



55.1646, 0.3297, 0.4222



95.7412, 0.3181, 0.3544



47.4186, 0.3740, 0.3798



20.3718, 0.3189, 0.3582



0.0000, 0.0000, 0.0000



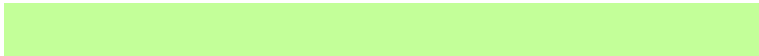
21.4041, 0.3127, 0.3290

Same Dimension

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



55.1646, 0.3297, 0.4222



85.4549, 0.3324, 0.4433



52.5260, 0.3044, 0.4201



13.4420, 0.3177, 0.3526



29.4074, 0.3262, 0.5792



1.6903, 0.3409, 0.5675

Inverse Universe

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



32.3116, 0.2889, 0.2389



44.1117, 0.2826, 0.2194



35.8563, 0.3221, 0.2523



11.7549, 0.3073, 0.3056



5.4681, 0.2207, 0.0989



0.3517, 0.2388, 0.1089

Previews

White Background



This preview shows how the Yxy color 55.1622, 0.3297, 0.4222 looks on a white background.

Color Contrast Check

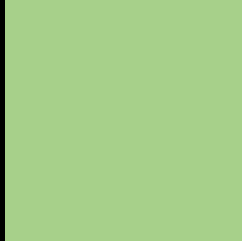
Large Text (above 18pt) WCAG AA × Fail

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 55.1622, 0.3297, 0.4222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

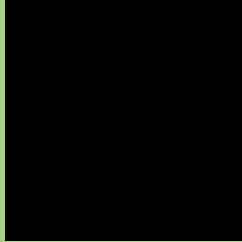
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1622, 0.3297, 0.4222

Background



This preview shows how black text looks on a background with the Yxy color 55.1622, 0.3297, 0.4222.



This preview shows how white text looks on a background with the Yxy color 55.1622, 0.3297, 0.4222.

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

55.1622, 0.3297, 0.4222

Protanopia

54.7207, 0.3751, 0.4033

Deuteranopia

54.5127, 0.3873, 0.3792



Tritanopia

55.2856, 0.2873, 0.3105

Trichromacy



Original Color

55.1622, 0.3297, 0.4222

Protanomaly

54.7936, 0.3578, 0.4102

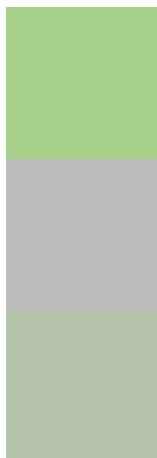
Deuteranomaly

54.3632, 0.3654, 0.3947

Tritanomaly

54.9002, 0.3034, 0.3495

Monochromacy



Original Color

55.1622, 0.3297, 0.4222

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.6358, 0.3192, 0.3615

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1622, 0.3297, 0.4222 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(167, 208, 138)` looks like.

```
.text, #text, p{  
    color:rgb(167, 208, 138)  
}
```

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(167, 208, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 208, 138) }
```

Border

The CSS property to change the border of an element to Yxy 55.1622, 0.3297, 0.4222 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(167, 208, 138) }
```

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

```
.border{ border-color:rgb(167, 208, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 208, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 208, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 208, 138);  
box-shadow:4px 4px 4px 4px rgb(167, 208,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1622, 0.3297, 0.4222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 208, 138) }
```

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

```
.background{ background-color: rgb(167,  
208, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor