

Converting Colors

Yxy(55.4448, 0.3295, 0.4266)

Have a look what the booklet for
Yxy(55.4448, 0.3295, 0.4266)
contains.

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Color

Yxy(55.3778, 0.3293, 0.4264)

Conversions

Conversions Part 1

Format	Color
Hex	A5D188
RGB	165, 209, 136
RGB Percent	65%, 82%, 53%
CMY	0.3528, 0.1804, 0.4667
CMYK	0.21, 0.00, 0.35, 0.18
HSL	96°, 44%, 68%
HSV	96°, 35%, 82%
XYZ	42.7671, 55.3778, 31.7279
YIQ	187.5220, -2.7910, -32.0310

Conversions

Conversions Part 2

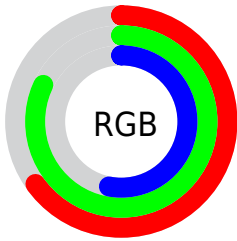
Format	Color
RYB	136, 209, 180
Decimal	10867080
CIELab	79.26, -27.45, 31.64
CIELCh	79, 41.894, 130.944
Yxy	55.3778, 0.3293, 0.4264
Android (android.graphics.Color)	4289057160 (0xFFA5D188)
YUV	187.5220, -25.4003, -19.7518
Hunter-Lab	74.4163, -27.6442, 26.8126

Details

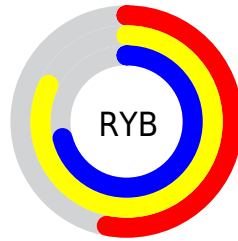
The Yxy color **55.3778, 0.3293, 0.4264** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.9114, 0.2889, 0.2356**, and the grayscale version is **50.1570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6099, 0.3288, 0.3979**, and **27.2118, 0.3319, 0.4544** is the 20% darker color. If you saturate the color by 10%, you get **53.5584, 0.3327, 0.4577**, and if you desaturate by 10%, it is **57.4508, 0.3250, 0.3960**.

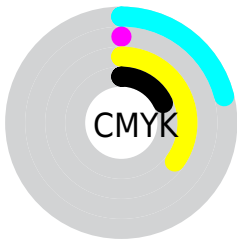
Distribution



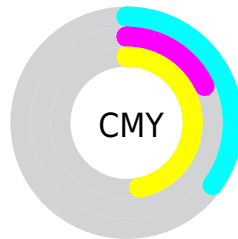
- Red (65%)
- Green (82%)
- Blue (53%)



- Red (53%)
- Yellow (82%)
- Blue (71%)



- Cyan (21%)
- Magenta (0%)
- Yellow (35%)
- Black (18%)




- Cyan (35%)
- Magenta (18%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3778, 0.3293, 0.4264 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 55.3778, 0.3293, 0.4264 by changing the saturation by 10% instead.


 55.3778, 0.3293,
0.4264


 55.3778, 0.3293,
0.4264


407.3424, 0.3227,
0.3771

 39.7043, 0.3304,
0.4388


 98.0943, 0.3273,
0.4084

 27.3081, 0.3314,
0.4546


 125.9060, 0.3264,
0.4017

 17.8047, 0.3322,
0.4756


 158.5326, 0.3257,
0.3960

 10.8099, 0.3320,
0.5044

196.3585, 0.3249,
0.3911

 5.9391, 0.3292,
0.5459

239.7680, 0.3243,
0.3869

 2.8081, 0.3348,
0.6403

289.1456, 0.3237,

 1.0324, 0.2275,

0.3832

0.7725

344.8756, 0.3232,
0.3800

0.0000, 0.0000,
0.0000

55.3778, 0.3293,
0.4264

55.3778, 0.3293,
0.4264

53.5584, 0.3327,
0.4577

57.4508, 0.3250,
0.3960

51.9747, 0.3348,
0.4885

59.7799, 0.3203,
0.3674

50.6176, 0.3354,
0.5175


62.3770, 0.3152,
0.3411

49.4747, 0.3341,
0.5426

65.2507, 0.3101,
0.3172


48.5317, 0.3309,
0.5625

68.4095, 0.3052,
0.2957

 47.7720, 0.3260,
0.5763

 71.4421, 0.3045,
0.2827

 47.4441, 0.3233,
0.5815

 73.7288, 0.3135,
0.2839

 74.0792, 0.3148,
0.2841

Harmonies

Analogous

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



55.3778, 0.3806, 0.4247



55.3778, 0.3293, 0.4264



55.3778, 0.2760, 0.3937

Triad

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



55.3778, 0.3293, 0.4264



55.3778, 0.2179, 0.2538



55.3778, 0.3950, 0.3121

Complementary

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



55.3778, 0.3293, 0.4264



31.9114, 0.2889, 0.2356

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.



55.3778, 0.3445, 0.2750



55.3778, 0.3293, 0.4264



55.3778, 0.2434, 0.2418

Square

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



55.3778, 0.3293, 0.4264



55.3778, 0.2148, 0.2875



55.3778, 0.2884, 0.2499



55.3778, 0.4216, 0.3550

Rectangle

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



55.3778, 0.3293, 0.4264



55.3778, 0.2466, 0.3583



55.3778, 0.2884, 0.2499



55.3778, 0.3800, 0.2988

Sweetspot

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



55.3802, 0.3293, 0.4264



95.6679, 0.3179, 0.3545



47.8940, 0.3762, 0.3832



20.3541, 0.3186, 0.3582



0.0000, 0.0000, 0.0000



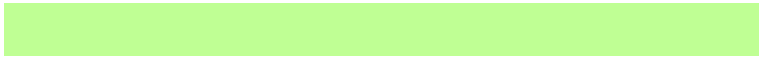
21.4041, 0.3127, 0.3290

Same Dimension

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



55.3802, 0.3293, 0.4264



84.6666, 0.3320, 0.4500



52.8261, 0.3033, 0.4224



13.4324, 0.3175, 0.3526



29.3074, 0.3243, 0.5807



1.6843, 0.3391, 0.5690

Inverse Universe

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



31.9114, 0.2889, 0.2356



42.4250, 0.2820, 0.2141



35.4140, 0.3237, 0.2507



11.7647, 0.3075, 0.3056



5.6257, 0.2243, 0.1009



0.3600, 0.2419, 0.1106

Previews

White Background



This preview shows how the Yxy color 55.3778, 0.3293, 0.4264 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 55.3778, 0.3293, 0.4264 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 55.3778, 0.3293, 0.4264

Background



This preview shows how black text looks on a background with the Yxy color 55.3778, 0.3293, 0.4264.



This preview shows how white text looks on a background with the Yxy color 55.3778, 0.3293, 0.4264.

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

55.3778, 0.3293, 0.4264

Protanopia

55.1156, 0.3762, 0.4067

Deuteranopia

54.6195, 0.3899, 0.3812



Tritanopia

55.1003, 0.2852, 0.3093

Trichromacy



Original Color

55.3778, 0.3293, 0.4264

Protanomaly

55.0688, 0.3581, 0.4140

Deuteranomaly

54.3042, 0.3670, 0.3971

Tritanomaly

55.1413, 0.3019, 0.3508

Monochromacy



Original Color

55.3778, 0.3293, 0.4264

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

52.0477, 0.3199, 0.3641

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3778, 0.3293, 0.4264 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(165, 209, 136)` looks like.

```
.text, #text, p{  
    color:rgb(165, 209, 136)  
}
```

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(165, 209, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 209, 136) }
```

Border

The CSS property to change the border of an element to Yxy 55.3778, 0.3293, 0.4264 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(165, 209, 136) }
```

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

```
.border{ border-color:rgb(165, 209, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 209, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 209, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 209, 136);  
box-shadow:4px 4px 4px 4px rgb(165, 209,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3778, 0.3293, 0.4264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 209, 136) }
```

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

```
.background{ background-color: rgb(165,  
209, 136) }
```

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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