

Converting Colors

$Yxy(56.1271, 0.3239, 0.4117)$

Have a look what the booklet for
Yxy(56.1271, 0.3239, 0.4117)
contains.

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Color

Yxy(55.9230, 0.3235, 0.4112)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A7D193 |
| RGB | 167, 209, 147 |
| RGB Percent | 65%, 82%, 58% |
| CMY | 0.3453, 0.1803, 0.4235 |
| CMYK | 0.20, 0.00, 0.30, 0.18 |
| HSL | 101°, 40%, 70% |
| HSV | 101°, 30%, 82% |
| XYZ | 43.9958, 55.9230, 36.0807 |
| YIQ | 189.3740, -5.1300, -28.1860 |

Conversions

Conversions Part 2

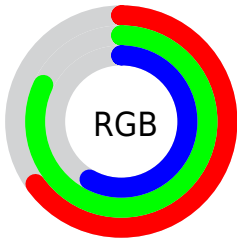
| Format | Color |
|-------------------------------------|--|
| RYB | 147, 209, 189 |
| Decimal | 10998163 |
| CIELab | 79.57, -25.16, 26.38 |
| CIElCh | 80, 36.453, 133.651 |
| Yxy | 55.9230, 0.3235, 0.4112 |
| Android (android.graphics.Color) | 4289188243 (0xFFA7D193) |
| YUV | 189.3740, -20.8904, -19.6220 |
| Hunter-Lab | 74.7817, -25.8521, 23.7409 |

Details

The Yxy color **55.9230, 0.3235, 0.4112** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.3011, 0.2976, 0.2515**, and the grayscale version is **51.2348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4250, 0.3237, 0.3857**, and **27.5331, 0.3248, 0.4340** is the 20% darker color. If you saturate the color by 10%, you get **53.8677, 0.3262, 0.4429**, and if you desaturate by 10%, it is **58.2716, 0.3202, 0.3811**.

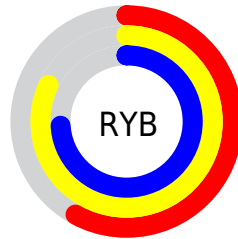
Distribution



Red (65%)

Green (82%)

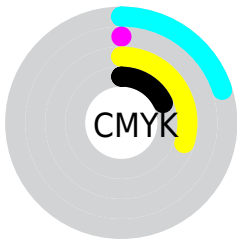
Blue (58%)



Red (58%)

Yellow (82%)

Blue (74%)

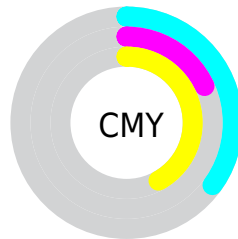


Cyan (20%)

Magenta (0%)

Yellow (30%)

Black (18%)



Cyan (35%)


Magenta (18%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9230, 0.3235, 0.4112 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 55.9230, 0.3235, 0.4112 by changing the saturation by 10% instead.


 55.9230, 0.3235,
0.4112

 55.9230, 0.3235,
0.4112


409.4013, 0.3193,
0.3697

 40.1412, 0.3242,
0.4216


 98.8920, 0.3222,
0.3961

 27.6486, 0.3248,
0.4349


 126.8480, 0.3217,
0.3904

 18.0610, 0.3252,
0.4526


159.6308, 0.3212,
0.3856

 10.9938, 0.3251,
0.4772


197.6248, 0.3207,
0.3815

 6.0626, 0.3232,
0.5130

241.2145, 0.3203,
0.3780

 2.8832, 0.3202,
0.5768

290.7842, 0.3199,

 1.0711, 0.2683,

0.3749

0.7317

346.7183, 0.3196,
0.3722

0.0000, 0.0000,
0.0000

55.9230, 0.3235,
0.4112

55.9230, 0.3235,
0.4112

53.8677, 0.3262,
0.4429

58.2716, 0.3202,
0.3811

52.0867, 0.3279,
0.4752

60.9175, 0.3165,
0.3534

50.5694, 0.3284,
0.5065

63.8735, 0.3126,
0.3282

49.3021, 0.3274,
0.5349

67.1498, 0.3087,
0.3057

48.2692, 0.3248,
0.5586

70.7559, 0.3049,
0.2857

■ 47.4533, 0.3207,
0.5761

■ 73.5279, 0.3127,
0.2838

■ 46.8282, 0.3157,
0.5873

■ 74.0884, 0.3148,
0.2841

■ 46.8099, 0.3155,
0.5877

Harmonies

Analogous

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



55.9230, 0.3688, 0.4134



55.9230, 0.3235, 0.4112



55.9230, 0.2773, 0.3808

Triad

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



55.9230, 0.3235, 0.4112



55.9230, 0.2306, 0.2617



55.9230, 0.3872, 0.3180

Complementary

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



55.9230, 0.3235, 0.4112



36.3011, 0.2976, 0.2515

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.



55.9230, 0.3449, 0.2842



55.9230, 0.3235, 0.4112



55.9230, 0.2551, 0.2523

Square

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



55.9230, 0.3235, 0.4112



55.9230, 0.2261, 0.2901



55.9230, 0.2961, 0.2607



55.9230, 0.4079, 0.3562

Rectangle

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



55.9230, 0.3235, 0.4112



55.9230, 0.2522, 0.3502



55.9230, 0.2961, 0.2607



55.9230, 0.3748, 0.3059

Sweetspot

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



55.9254, 0.3235, 0.4112



95.7751, 0.3162, 0.3519



51.7785, 0.3638, 0.3796



20.3618, 0.3168, 0.3558



0.0000, 0.0000, 0.0000



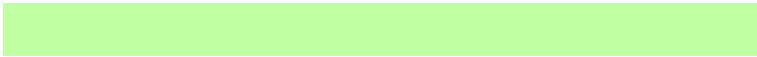
21.4041, 0.3127, 0.3290

Same Dimension

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



55.9254, 0.3235, 0.4112



85.4733, 0.3254, 0.4325



54.2579, 0.3021, 0.4002



13.3882, 0.3164, 0.3527



28.9042, 0.3165, 0.5869



1.6586, 0.3309, 0.5754

Inverse Universe

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



36.3011, 0.2976, 0.2515



49.5689, 0.2931, 0.2329



38.5354, 0.3257, 0.2670



11.8105, 0.3087, 0.3057



6.4268, 0.2416, 0.1105



0.4010, 0.2565, 0.1187

Previews

White Background



This preview shows how the Yxy color 55.9230, 0.3235, 0.4112 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 55.9230, 0.3235, 0.4112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

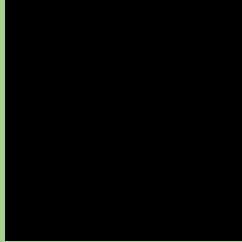
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9230, 0.3235, 0.4112

Background



This preview shows how black text looks on a background with the Yxy color 55.9230, 0.3235, 0.4112.



This preview shows how white text looks on a background with the Yxy color 55.9230, 0.3235, 0.4112.

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

55.9230, 0.3235, 0.4112

Protanopia

55.4299, 0.3678, 0.3938

Deuteranopia

55.6185, 0.3798, 0.3723



Tritanopia

55.7314, 0.2854, 0.3094

Trichromacy



Original Color

55.9230, 0.3235, 0.4112

Protanomaly

55.5227, 0.3509, 0.4002

Deuteranomaly

55.0918, 0.3581, 0.3849

Tritanomaly

55.4721, 0.2992, 0.3442

Monochromacy



Original Color

55.9230, 0.3235, 0.4112

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.3596, 0.3170, 0.3574

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9230, 0.3235, 0.4112 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, 209, 147)` looks like.

```
.text, #text, p{  
    color:rgb(167, 209, 147)  
}
```

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, 209, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 209, 147) }
```

Border

The CSS property to change the border of an element to Yxy 55.9230, 0.3235, 0.4112 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, 209, 147) }
```

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

```
.border{ border-color:rgb(167, 209, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 209, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 209, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 209, 147); box-shadow:4px 4px 4px 4px rgb(167, 209, 147) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9230, 0.3235, 0.4112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 209, 147) }
```

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

```
.background{ background-color: rgb(167,  
209, 147) }
```

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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