

Converting Colors

Yxy(55.8194, 0.3225, 0.4518)

Have a look what the booklet for
Yxy(55.8194, 0.3225, 0.4518)
contains.

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Color

Yxy(55.8443, 0.3231, 0.4522)

Conversions

Conversions Part 1

Format	Color
Hex	94D67C
RGB	148, 214, 124
RGB Percent	58%, 84%, 49%
CMY	0.4195, 0.1608, 0.5137
CMYK	0.31, 0.00, 0.42, 0.16
HSL	104°, 52%, 66%
HSV	104°, 42%, 84%
XYZ	39.9011, 55.8443, 27.7493
YIQ	184.0060, -10.4460, -41.9820

Conversions

Conversions Part 2

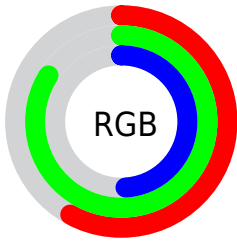
Format	Color
RYB	124, 214, 190
Decimal	9754236
CIELab	79.53, -37.36, 37.90
CIELCh	80, 53.216, 134.592
Yxy	55.8443, 0.3231, 0.4522
Android (android.graphics.Color)	4287944316 (0xFF94D67C)
YUV	184.0060, -29.5830, -31.5773
Hunter-Lab	74.7290, -35.4668, 30.2941

Details

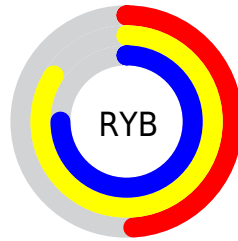
The Yxy color **55.8443, 0.3231, 0.4522** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **30.2205, 0.2938, 0.2188**, and the grayscale version is **48.1115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5717, 0.3245, 0.4137**, and **27.6570, 0.3221, 0.4890** is the 20% darker color. If you saturate the color by 10%, you get **53.9970, 0.3239, 0.4852**, and if you desaturate by 10%, it is **58.0123, 0.3214, 0.4196**.

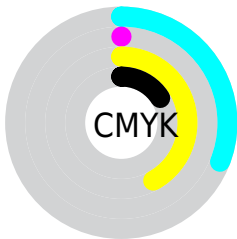
Distribution



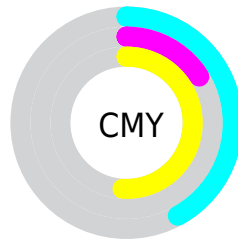
- Red (58%)
- Green (84%)
- Blue (49%)



- Red (49%)
- Yellow (84%)
- Blue (75%)



- Cyan (31%)
- Magenta (0%)
- Yellow (42%)
- Black (16%)





- Cyan (42%)
- Magenta (16%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8443, 0.3231, 0.4522 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 55.8443, 0.3231, 0.4522 by changing the saturation by 10% instead.


 55.8443, 0.3231,
0.4522


 55.8443, 0.3231,
0.4522


409.1045, 0.3205,
0.3892

 40.0781, 0.3229,
0.4681


 98.7769, 0.3228,
0.4291

 27.5994, 0.3220,
0.4884


 126.7121, 0.3225,
0.4205

 18.0239, 0.3200,
0.5153

 159.4724, 0.3221,
0.4132

 10.9672, 0.3154,
0.5521

197.4422, 0.3218,
0.4070

 6.0448, 0.3048,
0.6043

241.0059, 0.3214,
0.4017

 2.8723, 0.2911,
0.7089

290.5479, 0.3211,

 1.0654, 0.0781,

0.3970

0.9219

346.4527, 0.3208,
0.3929

0.0000, 0.0000,
0.0000

55.8443, 0.3231,
0.4522

55.8443, 0.3231,
0.4522

53.9970, 0.3239,
0.4852

58.0123, 0.3214,
0.4196

52.4475, 0.3234,
0.5167

60.5082, 0.3191,
0.3886

51.1812, 0.3217,
0.5449

63.3479, 0.3163,
0.3599

50.1792, 0.3186,
0.5675

66.5442, 0.3133,
0.3340

49.4197, 0.3144,
0.5833

70.1092, 0.3103,
0.3108

 48.9656, 0.3109,
0.5914

 74.0544, 0.3073,
0.2904

 76.5730, 0.3146,
0.2891

Harmonies

Analogous

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



55.8443, 0.3887, 0.4516



55.8443, 0.3231, 0.4522



55.8443, 0.2582, 0.4050

Triad

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



55.8443, 0.3231, 0.4522



55.8443, 0.1985, 0.2319



55.8443, 0.4233, 0.3127

Complementary

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



55.8443, 0.3231, 0.4522



30.2205, 0.2938, 0.2188

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.



55.8443, 0.3609, 0.2670



55.8443, 0.3231, 0.4522



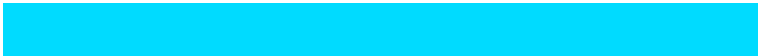
55.8443, 0.2320, 0.2218

Square

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



55.8443, 0.3231, 0.4522



55.8443, 0.1911, 0.2687



55.8443, 0.2895, 0.2347



55.8443, 0.4516, 0.3648

Rectangle

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



55.8443, 0.3231, 0.4522



55.8443, 0.2241, 0.3566



55.8443, 0.2895, 0.2347



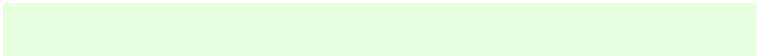
55.8443, 0.4052, 0.2964

Sweetspot

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



55.8467, 0.3231, 0.4522



93.7240, 0.3166, 0.3629



51.9340, 0.3868, 0.4061



19.8523, 0.3173, 0.3691



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.



55.8467, 0.3231, 0.4522



80.6962, 0.3238, 0.4801



54.3780, 0.2954, 0.4300



14.0546, 0.3155, 0.3528



29.6404, 0.3117, 0.5907



1.8284, 0.3246, 0.5805

Inverse Universe

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



30.2205, 0.2938, 0.2188



37.8978, 0.2885, 0.1970



32.6331, 0.3373, 0.2460



12.4583, 0.3096, 0.3057



7.3147, 0.2546, 0.1176



0.4806, 0.2665, 0.1242

Previews

White Background



This preview shows how the Yxy color 55.8443, 0.3231, 0.4522 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 55.8443, 0.3231, 0.4522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

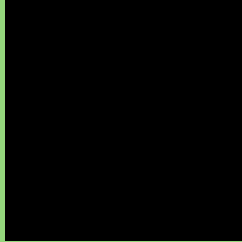
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8443, 0.3231, 0.4522

Background



This preview shows how black text looks on a background with the Yxy color 55.8443, 0.3231, 0.4522.



This preview shows how white text looks on a background with the Yxy color 55.8443, 0.3231, 0.4522.

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

55.8443, 0.3231, 0.4522

Protanopia

55.2113, 0.3892, 0.4215

Deuteranopia

55.2403, 0.4010, 0.3936



Tritanopia

55.7189, 0.2742, 0.3090

Trichromacy



Original Color

55.8443, 0.3231, 0.4522



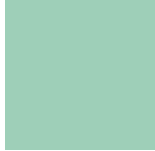
Protanomaly

55.1443, 0.3630, 0.4330



Deuteranomaly

54.1875, 0.3701, 0.4136



Tritanomaly

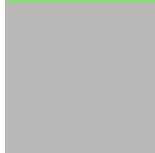
55.3554, 0.2925, 0.3593

Monochromacy



Original Color

55.8443, 0.3231, 0.4522



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

50.2968, 0.3178, 0.3732

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8443, 0.3231, 0.4522 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(148, 214, 124)` looks like.

```
.text, #text, p{  
    color:rgb(148, 214, 124)  
}
```

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(148, 214, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 214, 124) }
```

Border

The CSS property to change the border of an element to Yxy 55.8443, 0.3231, 0.4522 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(148, 214, 124) }
```

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

```
.border{ border-color:rgb(148, 214, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 214, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 214, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 214, 124);  
box-shadow:4px 4px 4px 4px rgb(148, 214,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8443, 0.3231, 0.4522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 214, 124) }
```

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

```
.background{ background-color: rgb(148,  
214, 124) }
```

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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