

Converting Colors

Yxy(55.0508, 0.3163, 0.4116)

Have a look what the booklet for
Yxy(55.0508, 0.3163, 0.4116)
contains.

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Color

Yxy(55.0081, 0.3161, 0.4115)

Conversions

Conversions Part 1

Format	Color
Hex	9ED194
RGB	158, 209, 148
RGB Percent	62%, 82%, 58%
CMY	0.3802, 0.1804, 0.4195
CMYK	0.24, 0.00, 0.29, 0.18
HSL	110°, 40%, 70%
HSV	110°, 29%, 82%
XYZ	42.2553, 55.0081, 36.4136
YIQ	186.7970, -10.8150, -29.7830

Conversions

Conversions Part 2

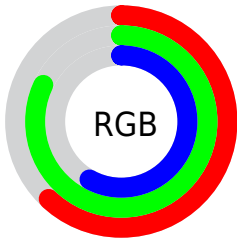
Format	Color
RYB	148, 209, 199
Decimal	10408340
CIELab	79.05, -28.07, 25.05
CIElCh	79, 37.623, 138.258
Yxy	55.0081, 0.3161, 0.4115
Android (android.graphics.Color)	4288598420 (0xFF9ED194)
YUV	186.7970, -19.1269, -25.2550
Hunter-Lab	74.1674, -28.0965, 22.8079

Details

The Yxy color **55.0081, 0.3161, 0.4115** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.9237, 0.3067, 0.2549**, and the grayscale version is **49.6957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0804, 0.3174, 0.3856**, and **26.9775, 0.3151, 0.4351** is the 20% darker color. If you saturate the color by 10%, you get **52.7599, 0.3165, 0.4447**, and if you desaturate by 10%, it is **57.6320, 0.3152, 0.3805**.

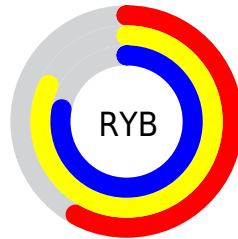
Distribution



Red (62%)

Green (82%)

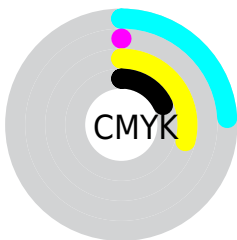
Blue (58%)



Red (58%)

Yellow (82%)

Blue (78%)

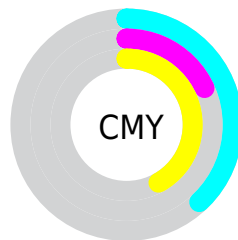


Cyan (24%)

Magenta (0%)

Yellow (29%)

Black (18%)



Cyan (38%)


Magenta (18%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0081, 0.3161, 0.4115 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 55.0081, 0.3161, 0.4115 by changing the saturation by 10% instead.

 55.0081, 0.3161,
0.4115

 55.0081, 0.3161,
0.4115


405.9426, 0.3155,
0.3696

 39.4082, 0.3159,
0.4221

 97.5528, 0.3161,
0.3962

 27.0774, 0.3154,
0.4358


 125.2664, 0.3161,
0.3904

 17.6314, 0.3144,
0.4540

157.7868, 0.3160,
0.3856

 10.6857, 0.3123,
0.4795

195.4982, 0.3159,
0.3815

 5.8559, 0.3077,
0.5172

238.7851, 0.3158,
0.3779

 2.7576, 0.2999,
0.5846

288.0318, 0.3157,

 1.0066, 0.2094,

0.3748

0.7906

343.6229, 0.3156,
0.3720

0.0000, 0.0000,
0.0000

55.0081, 0.3161,
0.4115

55.0081, 0.3161,
0.4115

52.7599, 0.3165,
0.4447

57.6320, 0.3152,
0.3805

50.8634, 0.3164,
0.4789

60.6405, 0.3140,
0.3522

49.3027, 0.3154,
0.5123

64.0508, 0.3126,
0.3270

48.0576, 0.3137,
0.5426

67.8771, 0.3111,
0.3049

47.1060, 0.3112,
0.5676

72.1328, 0.3096,
0.2855

■ 46.4226, 0.3080,
0.5853

■ 74.0770, 0.3148,
0.2841

■ 45.9731, 0.3048,
0.5956

■ 45.9441, 0.3046,
0.5963

Harmonies

Analogous

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



55.0081, 0.3641, 0.4182



55.0081, 0.3161, 0.4115



55.0081, 0.2694, 0.3760

Triad

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



55.0081, 0.3161, 0.4115



55.0081, 0.2304, 0.2565



55.0081, 0.3951, 0.3234

Complementary

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



55.0081, 0.3161, 0.4115



37.9237, 0.3067, 0.2549

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.



55.0081, 0.3537, 0.2874



55.0081, 0.3161, 0.4115



55.0081, 0.2586, 0.2498

Square

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



55.0081, 0.3161, 0.4115



55.0081, 0.2224, 0.2828



55.0081, 0.3029, 0.2612



55.0081, 0.4122, 0.3629

Rectangle

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



55.0081, 0.3161, 0.4115



55.0081, 0.2451, 0.3431



55.0081, 0.3029, 0.2612



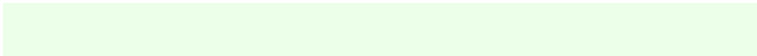
55.0081, 0.3834, 0.3107

Sweetspot

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



55.0104, 0.3161, 0.4115



95.1526, 0.3140, 0.3520



56.4612, 0.3596, 0.3903



20.2094, 0.3142, 0.3560



0.0000, 0.0000, 0.0000



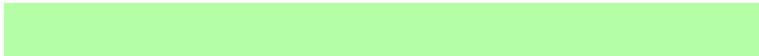
21.4041, 0.3127, 0.3290

Same Dimension

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



55.0104, 0.3161, 0.4115



84.0208, 0.3164, 0.4320



54.7344, 0.2957, 0.3844



13.2984, 0.3140, 0.3528



28.3590, 0.3053, 0.5958



1.6154, 0.3162, 0.5871

Inverse Universe

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



37.9237, 0.3067, 0.2549



52.9803, 0.3050, 0.2387



38.3989, 0.3351, 0.2795



11.9064, 0.3112, 0.3059



8.4652, 0.2799, 0.1315



0.5002, 0.2878, 0.1359

Previews

White Background



This preview shows how the Yxy color 55.0081, 0.3161, 0.4115 looks on a white background.

Color Contrast Check

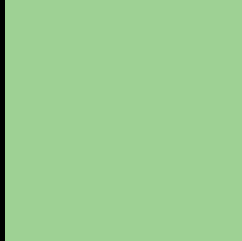
Large Text (above 18pt) WCAG AA × Fail

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 55.0081, 0.3161, 0.4115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

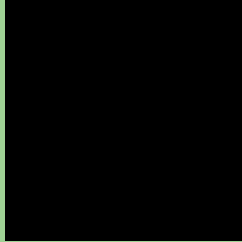
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0081, 0.3161, 0.4115

Background



This preview shows how black text looks on a background with the Yxy color 55.0081, 0.3161, 0.4115.



This preview shows how white text looks on a background with the Yxy color 55.0081, 0.3161, 0.4115.

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

55.0081, 0.3161, 0.4115

Protanopia

54.6848, 0.3664, 0.3931

Deuteranopia

54.3345, 0.3762, 0.3682



Tritanopia

54.8125, 0.2798, 0.3090

Trichromacy



Original Color

55.0081, 0.3161, 0.4115



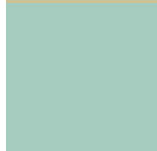
Protanomaly

54.3985, 0.3469, 0.4001



Deuteranomaly

53.9611, 0.3533, 0.3833



Tritanomaly

54.5805, 0.2934, 0.3445

Monochromacy



Original Color

55.0081, 0.3161, 0.4115



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

51.2774, 0.3138, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0081, 0.3161, 0.4115 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(158, 209, 148)` looks like.

```
.text, #text, p{  
    color:rgb(158, 209, 148)  
}
```

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(158, 209, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 209, 148) }
```

Border

The CSS property to change the border of an element to Yxy 55.0081, 0.3161, 0.4115 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(158, 209, 148) }
```

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

```
.border{ border-color:rgb(158, 209, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 209, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 209, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 209, 148); box-shadow:4px 4px 4px 4px rgb(158, 209, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0081, 0.3161, 0.4115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 209, 148) }
```

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

```
.background{ background-color: rgb(158,  
209, 148) }
```

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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