

Converting Colors

Yxy(55.3402, 0.3187, 0.4107)

Have a look what the booklet for
Yxy(55.3402, 0.3187, 0.4107)
contains.

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Color

Yxy(55.4204, 0.3191, 0.4108)

Conversions

Conversions Part 1

Format	Color
Hex	A2D194
RGB	162, 209, 148
RGB Percent	64%, 82%, 58%
CMY	0.3646, 0.1804, 0.4197
CMYK	0.22, 0.00, 0.29, 0.18
HSL	106°, 40%, 70%
HSV	106°, 29%, 82%
XYZ	43.0493, 55.4204, 36.4388
YIQ	187.9930, -8.4310, -28.9350

Conversions

Conversions Part 2

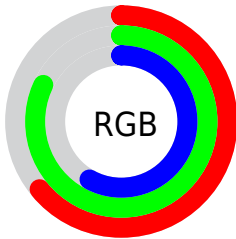
Format	Color
RYB	148, 209, 195
Decimal	10670484
CIELab	79.28, -26.72, 25.42
CIELCh	79, 36.882, 136.421
Yxy	55.4204, 0.3191, 0.4108
Android (android.graphics.Color)	4288860564 (0xFFA2D194)
YUV	187.9930, -19.7165, -22.7959
Hunter-Lab	74.4449, -27.0572, 23.0905

Details

The Yxy color **55.4204, 0.3191, 0.4108** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.3753, 0.3030, 0.2540**, and the grayscale version is **50.4063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6897, 0.3200, 0.3852**, and **27.2255, 0.3190, 0.4338** is the 20% darker color. If you saturate the color by 10%, you get **53.2407, 0.3205, 0.4434**, and if you desaturate by 10%, it is **57.9400, 0.3172, 0.3802**.

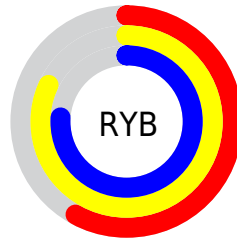
Distribution



Red (64%)

Green (82%)

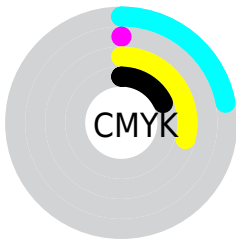
Blue (58%)



Red (58%)

Yellow (82%)

Blue (76%)

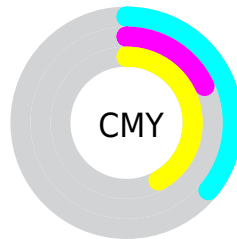


Cyan (22%)

Magenta (0%)

Yellow (29%)

Black (18%)



Cyan (36%)


Magenta (18%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4204, 0.3191, 0.4108 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 55.4204, 0.3191, 0.4108 by changing the saturation by 10% instead.


 55.4204, 0.3191,
0.4108

 55.4204, 0.3191,
0.4108


407.5035, 0.3170,
0.3694

 39.7384, 0.3193,
0.4212


 98.1566, 0.3186,
0.3957

 27.3346, 0.3193,
0.4347


 125.9797, 0.3183,
0.3900

 17.8247, 0.3189,
0.4525


158.6185, 0.3181,
0.3852

 10.8242, 0.3176,
0.4774

196.4575, 0.3178,
0.3811

 5.9488, 0.3142,
0.5141

239.8812, 0.3176,
0.3776

 2.8139, 0.3083,
0.5791

289.2738, 0.3174,

 1.0354, 0.2386,

0.3745

0.7614

345.0198, 0.3172,
0.3718

0.0000, 0.0000,
0.0000

55.4204, 0.3191,
0.4108

55.4204, 0.3191,
0.4108

53.2407, 0.3205,
0.4434

57.9400, 0.3172,
0.3802

51.3791, 0.3211,
0.4768

60.8060, 0.3149,
0.3522

49.8224, 0.3207,
0.5094

64.0335, 0.3125,
0.3271

48.5536, 0.3191,
0.5391

67.6349, 0.3100,
0.3048

47.5538, 0.3164,
0.5638

71.6217, 0.3076,
0.2852

■ 46.8015, 0.3127,
0.5817

■ 74.0807, 0.3148,
0.2841

■ 46.2674, 0.3086,
0.5926

■ 46.2315, 0.3083,
0.5934

Harmonies

Analogous

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



55.4204, 0.3657, 0.4156



55.4204, 0.3191, 0.4108



55.4204, 0.2729, 0.3776

Triad

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



55.4204, 0.3191, 0.4108



55.4204, 0.2310, 0.2591



55.4204, 0.3913, 0.3213

Complementary

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



55.4204, 0.3191, 0.4108



37.3753, 0.3030, 0.2540

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.



55.4204, 0.3499, 0.2864



55.4204, 0.3191, 0.4108



55.4204, 0.2575, 0.2513

Square

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



55.4204, 0.3191, 0.4108



55.4204, 0.2245, 0.2861



55.4204, 0.3002, 0.2614



55.4204, 0.4098, 0.3600

Rectangle

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



55.4204, 0.3191, 0.4108



55.4204, 0.2484, 0.3459



55.4204, 0.3002, 0.2614



55.4204, 0.3794, 0.3089

Sweetspot

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



55.4228, 0.3191, 0.4108



95.4108, 0.3149, 0.3520



54.6171, 0.3609, 0.3858



20.2726, 0.3153, 0.3559



0.0000, 0.0000, 0.0000



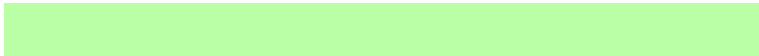
21.4041, 0.3127, 0.3290

Same Dimension

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



55.4228, 0.3191, 0.4108



84.7396, 0.3200, 0.4309



54.5849, 0.2983, 0.3902



13.3357, 0.3150, 0.3528



28.5423, 0.3091, 0.5928



1.6327, 0.3223, 0.5823

Inverse Universe

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



37.3753, 0.3030, 0.2540



51.9718, 0.3003, 0.2375



38.5690, 0.3312, 0.2748



11.8662, 0.3101, 0.3058



7.5498, 0.2636, 0.1226



0.4564, 0.2747, 0.1287

Previews

White Background



This preview shows how the Yxy color 55.4204, 0.3191, 0.4108 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 55.4204, 0.3191, 0.4108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

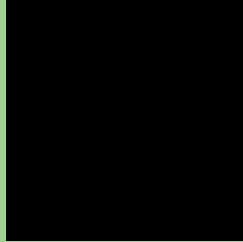
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4204, 0.3191, 0.4108

Background



This preview shows how black text looks on a background with the Yxy color 55.4204, 0.3191, 0.4108.

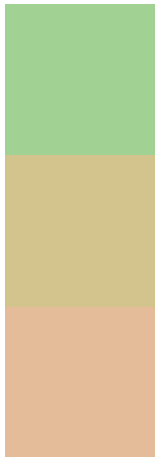


This preview shows how white text looks on a background with the Yxy color 55.4204, 0.3191, 0.4108.

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

55.4204, 0.3191, 0.4108

Protanopia

55.2817, 0.3669, 0.3940

Deuteranopia

54.9244, 0.3768, 0.3692



Tritanopia

55.1507, 0.2819, 0.3092

Trichromacy



Original Color

55.4204, 0.3191, 0.4108

Protanomaly

55.1244, 0.3484, 0.4008

Deuteranomaly

54.6934, 0.3547, 0.3842

Tritanomaly

54.9085, 0.2956, 0.3444

Monochromacy



Original Color

55.4204, 0.3191, 0.4108

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

52.0807, 0.3161, 0.3589

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4204, 0.3191, 0.4108 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(162, 209, 148)` looks like.

```
.text, #text, p{  
    color:rgb(162, 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(162, 209, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 209, 148) }
```

Border

The CSS property to change the border of an element to Yxy 55.4204, 0.3191, 0.4108 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(162, 209, 148) }
```

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

```
.border{ border-color:rgb(162, 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(162, 209, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 209, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 209, 148); box-shadow:4px 4px 4px 4px rgb(162, 209, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4204, 0.3191, 0.4108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 209, 148) }
```

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

```
.background{ background-color: rgb(162,  
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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