

Converting Colors

$Yxy(55.1720, 0.3551, 0.4592)$

Have a look what the booklet for
Yxy(55.1720, 0.3551, 0.4592)
contains.

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Color

Yxy(55.1720, 0.3551, 0.4592)

Conversions

Conversions Part 1

Format	Color
Hex	AED06B
RGB	174, 208, 107
RGB Percent	68%, 82%, 42%
CMY	0.3177, 0.1843, 0.5804
CMYK	0.16, 0.00, 0.49, 0.18
HSL	80°, 52%, 62%
HSV	80°, 49%, 82%
XYZ	42.6646, 55.1720, 22.3115
YIQ	186.3200, 12.1570, -38.6190

Conversions

Conversions Part 2

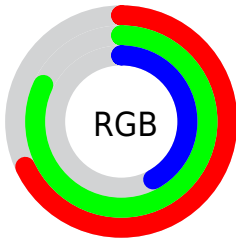
Format	Color
RYB	107, 208, 141
Decimal	11456619
CIELab	79.14, -27.25, 46.12
CIELCh	79, 53.573, 120.575
Yxy	55.1720, 0.3551, 0.4592
Android (android.graphics.Color)	4289646699 (0xFFAED06B)
YUV	186.3200, -39.1048, -10.8046
Hunter-Lab	74.2779, -27.4573, 34.1850

Details

The Yxy color **55.1720, 0.3551, 0.4592** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **20.7354, 0.2499, 0.1875**, and the grayscale version is **49.5112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0470, 0.3524, 0.4275**, and **26.9899, 0.3609, 0.4942** is the 20% darker color. If you saturate the color by 10%, you get **54.0043, 0.3609, 0.4850**, and if you desaturate by 10%, it is **56.4918, 0.3477, 0.4317**.

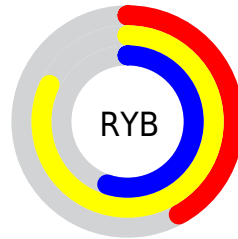
Distribution



Red (68%)

Green (82%)

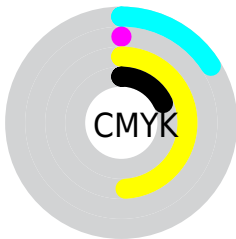
Blue (42%)



Red (42%)

Yellow (82%)

Blue (55%)

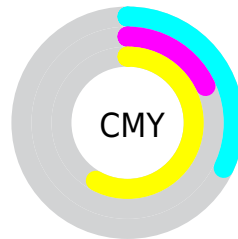


Cyan (16%)

Magenta (0%)

Yellow (49%)

Black (18%)



Cyan (32%)


Magenta (18%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1720, 0.3551, 0.4592 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 55.1720, 0.3551, 0.4592 by changing the saturation by 10% instead.


 55.1720, 0.3551,
0.4592


 55.1720, 0.3551,
0.4592


406.5636, 0.3374,
0.3940


 39.5394, 0.3582,
0.4750

 97.7929, 0.3496,
0.4357

 27.1796, 0.3613,
0.4948


 125.5501, 0.3473,
0.4269

 17.7082, 0.3639,
0.5201


 158.1175, 0.3452,
0.4193

 10.7407, 0.3648,
0.5530

 195.8797, 0.3433,
0.4128

 5.8927, 0.3656,
0.6049

239.2210, 0.3416,
0.4072

 2.7800, 0.3439,
0.6561

288.5259, 0.3401,

 1.0180, 0.2256,

0.4022

0.7744

344.1786, 0.3387,
0.3979

0.0000, 0.0000,
0.0000

55.1720, 0.3551,
0.4592

55.1720, 0.3551,
0.4592

54.0043, 0.3609,
0.4850

56.4918, 0.3477,
0.4317

52.9732, 0.3646,
0.5080

57.9640, 0.3392,
0.4038

52.0716, 0.3659,
0.5270


59.5979, 0.3301,
0.3764

51.2887, 0.3647,
0.5411

61.3999, 0.3207,
0.3501

50.6079, 0.3613,
0.5505

63.3762, 0.3114,
0.3256

 50.5146, 0.3608,
0.5517

 65.5324, 0.3024,
0.3029

 67.8739, 0.2938,
0.2822

 69.1628, 0.2971,
0.2806

 70.3454, 0.3021,
0.2813

Harmonies

Analogous

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



55.1720, 0.4154, 0.4387



55.1720, 0.3551, 0.4592



55.1720, 0.2869, 0.4337

Triad

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



55.1720, 0.3551, 0.4592



55.1720, 0.1906, 0.2447



55.1720, 0.3980, 0.2897

Complementary

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



55.1720, 0.3551, 0.4592



20.7354, 0.2499, 0.1875

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.



55.1720, 0.3271, 0.2491



55.1720, 0.3551, 0.4592



55.1720, 0.2122, 0.2224

Square

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



55.1720, 0.3551, 0.4592



55.1720, 0.1959, 0.2949



55.1720, 0.2595, 0.2251



55.1720, 0.4451, 0.3401

Rectangle

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



55.1720, 0.3551, 0.4592



55.1720, 0.2462, 0.3919



55.1720, 0.2595, 0.2251



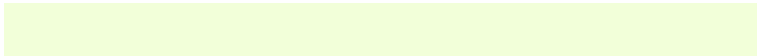
55.1720, 0.3756, 0.2747

Sweetspot

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



55.1744, 0.3551, 0.4592



95.4151, 0.3269, 0.3673



33.4259, 0.4242, 0.3717



20.2957, 0.3289, 0.3730



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.



55.1744, 0.3551, 0.4592



85.5906, 0.3609, 0.4854



50.4495, 0.3165, 0.4767



13.5900, 0.3215, 0.3523



31.5364, 0.3616, 0.5511



1.8059, 0.3724, 0.5425

Inverse Universe

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



20.7354, 0.2499, 0.1875



24.9148, 0.2331, 0.1561



26.1699, 0.3004, 0.2060



11.6083, 0.3034, 0.3053



3.6987, 0.1756, 0.0741



0.2500, 0.1964, 0.0856

Previews

White Background



This preview shows how the Yxy color 55.1720, 0.3551, 0.4592 looks on a white background.

Color Contrast Check

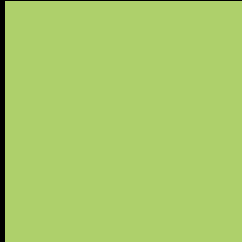
Large Text (above 18pt) WCAG AA × Fail

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 55.1720, 0.3551, 0.4592 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 55.1720, 0.3551, 0.4592

Background



This preview shows how black text looks on a background with the Yxy color 55.1720, 0.3551, 0.4592.



This preview shows how white text looks on a background with the Yxy color 55.1720, 0.3551, 0.4592.

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

55.1720, 0.3551, 0.4592

Protanopia

55.0581, 0.3997, 0.4357

Deuteranopia

54.8876, 0.4181, 0.4102



Tritanopia

54.7981, 0.2944, 0.3095

Trichromacy



Original Color

55.1720, 0.3551, 0.4592

Protanomaly

54.7255, 0.3836, 0.4444

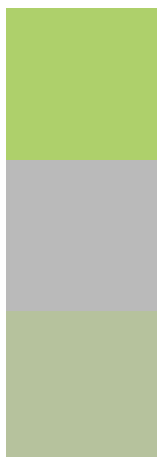
Deuteranomaly

54.6031, 0.3946, 0.4279

Tritanomaly

54.3096, 0.3174, 0.3623

Monochromacy



Original Color

55.1720, 0.3551, 0.4592

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.9630, 0.3309, 0.3775

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1720, 0.3551, 0.4592 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(174, 208, 107)` looks like.

```
.text, #text, p{  
    color:rgb(174, 208, 107)  
}
```

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(174, 208, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 208, 107) }
```

Border

The CSS property to change the border of an element to Yxy 55.1720, 0.3551, 0.4592 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(174, 208, 107) }
```

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

```
.border{ border-color:rgb(174, 208, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 208, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 208, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 208, 107);  
box-shadow:4px 4px 4px 4px rgb(174, 208,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1720, 0.3551, 0.4592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 208, 107) }
```

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

```
.background{ background-color: rgb(174,  
208, 107) }
```

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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