

Converting Colors

Yxy(55.1693, 0.3289, 0.4104)

Have a look what the booklet for
Yxy(55.1693, 0.3289, 0.4104)
contains.

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Color

Yxy(55.4406, 0.3291, 0.4106)

Conversions

Conversions Part 1

Format	Color
Hex	ACCF91
RGB	172, 207, 145
RGB Percent	67%, 81%, 57%
CMY	0.3255, 0.1882, 0.4314
CMYK	0.17, 0.00, 0.30, 0.19
HSL	94°, 39%, 69%
HSV	94°, 30%, 81%
XYZ	44.4362, 55.4406, 35.1466
YIQ	189.4670, -0.9580, -26.7020

Conversions

Conversions Part 2

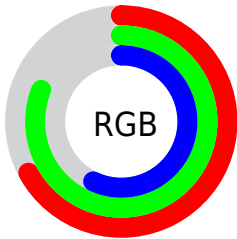
Format	Color
RYB	145, 207, 180
Decimal	11325329
CIELab	79.29, -22.69, 27.11
CIElCh	79, 35.348, 129.930
Yxy	55.4406, 0.3291, 0.4106
Android (android.graphics.Color)	4289515409 (0xFFACCF91)
YUV	189.4670, -21.9222, -15.3186
Hunter-Lab	74.4584, -23.7749, 24.1343

Details

The Yxy color **55.4406, 0.3291, 0.4106** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.4607, 0.2909, 0.2493**, and the grayscale version is **51.2996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1375, 0.3281, 0.3873**, and **27.5126, 0.3319, 0.4345** is the 20% darker color. If you saturate the color by 10%, you get **53.5967, 0.3336, 0.4411**, and if you desaturate by 10%, it is **57.5220, 0.3239, 0.3813**.

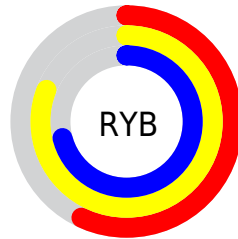
Distribution



Red (67%)

Green (81%)

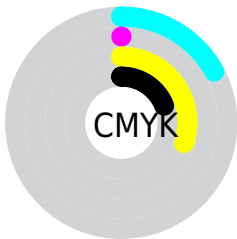
Blue (57%)



Red (57%)

Yellow (81%)

Blue (71%)

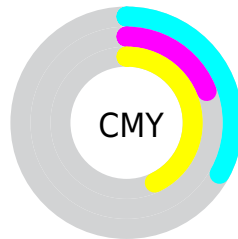


Cyan (17%)

Magenta (0%)

Yellow (30%)

Black (19%)



Cyan (33%)


Magenta (19%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4406, 0.3291, 0.4106 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 55.4406, 0.3291, 0.4106 by changing the saturation by 10% instead.

 55.4406, 0.3291,
0.4106


 55.4406, 0.3291,
0.4106

407.5799, 0.3221,
0.3695

 39.7546, 0.3304,
0.4209


 98.1862, 0.3269,
0.3956

 27.3473, 0.3319,
0.4340


 126.0146, 0.3259,
0.3900

 17.8342, 0.3334,
0.4514


158.6592, 0.3251,
0.3853

 10.8310, 0.3348,
0.4755

196.5045, 0.3244,
0.3812

 5.9533, 0.3349,
0.5104

239.9348, 0.3237,
0.3777

 2.8167, 0.3368,
0.5752

289.3346, 0.3231,

 1.0368, 0.2903,

0.3746

0.7097

345.0881, 0.3226,
0.3719

0.0000, 0.0000,
0.0000

55.4406, 0.3291,
0.4106

55.4406, 0.3291,
0.4106

53.5967, 0.3336,
0.4411

57.5220, 0.3239,
0.3813

51.9737, 0.3370,
0.4718

59.8424, 0.3184,
0.3540

50.5641, 0.3388,
0.5013


62.4124, 0.3127,
0.3289

49.3568, 0.3389,
0.5280


65.2399, 0.3071,
0.3062


48.3398, 0.3370,
0.5502


68.3322, 0.3017,
0.2859

 47.4989, 0.3331,
0.5668

 70.7475, 0.3057,
0.2808

 46.8114, 0.3278,
0.5779

 72.8836, 0.3141,
0.2820

 46.8084, 0.3277,
0.5780

 73.1084, 0.3149,
0.2821

Harmonies

Analogous

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



55.4406, 0.3722, 0.4095



55.4406, 0.3291, 0.4106



55.4406, 0.2835, 0.3842

Triad

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



55.4406, 0.3291, 0.4106



55.4406, 0.2310, 0.2660



55.4406, 0.3809, 0.3139

Complementary

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



55.4406, 0.3291, 0.4106



34.4607, 0.2909, 0.2493

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.



55.4406, 0.3382, 0.2818



55.4406, 0.3291, 0.4106



55.4406, 0.2527, 0.2544

Square

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



55.4406, 0.3291, 0.4106



55.4406, 0.2292, 0.2959



55.4406, 0.2910, 0.2605



55.4406, 0.4042, 0.3511

Rectangle

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



55.4406, 0.3291, 0.4106



55.4406, 0.2579, 0.3554



55.4406, 0.2910, 0.2605



55.4406, 0.3682, 0.3024

Sweetspot

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



55.4430, 0.3291, 0.4106



96.2337, 0.3179, 0.3518



47.5922, 0.3669, 0.3716



20.4744, 0.3187, 0.3556



0.0000, 0.0000, 0.0000



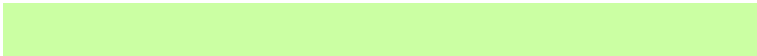
21.4041, 0.3127, 0.3290

Same Dimension

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



55.4430, 0.3291, 0.4106



86.8917, 0.3321, 0.4303



52.7895, 0.3066, 0.4114



13.4544, 0.3181, 0.3526



29.5434, 0.3287, 0.5772



1.6984, 0.3434, 0.5656

Inverse Universe

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



34.4607, 0.2909, 0.2493



47.9373, 0.2848, 0.2306



37.8723, 0.3190, 0.2585



11.7422, 0.3069, 0.3056



5.2726, 0.2161, 0.0964



0.3413, 0.2348, 0.1067

Previews

White Background



This preview shows how the Yxy color 55.4406, 0.3291, 0.4106 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 55.4406, 0.3291, 0.4106 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 55.4406, 0.3291, 0.4106

Background



This preview shows how black text looks on a background with the Yxy color 55.4406, 0.3291, 0.4106.



This preview shows how white text looks on a background with the Yxy color 55.4406, 0.3291, 0.4106.

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

55.4406, 0.3291, 0.4106

Protanopia

55.2222, 0.3685, 0.3964

Deuteranopia

54.9594, 0.3810, 0.3736



Tritanopia

55.1883, 0.2894, 0.3094

Trichromacy



Original Color

55.4406, 0.3291, 0.4106

Protanomaly

55.1319, 0.3535, 0.4013

Deuteranomaly

54.7236, 0.3609, 0.3860

Tritanomaly

54.9124, 0.3036, 0.3442

Monochromacy



Original Color

55.4406, 0.3291, 0.4106

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.5643, 0.3193, 0.3586

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4406, 0.3291, 0.4106 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(172, 207, 145)` looks like.

```
.text, #text, p{  
    color:rgb(172, 207, 145)  
}
```

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(172, 207, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 207, 145) }
```

Border

The CSS property to change the border of an element to Yxy 55.4406, 0.3291, 0.4106 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(172, 207, 145) }
```

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

```
.border{ border-color:rgb(172, 207, 145) }
```

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

Here you see how a box with a 4 pixel rgb(172, 207, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 207, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 207, 145);  
box-shadow:4px 4px 4px 4px rgb(172, 207,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4406, 0.3291, 0.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 207, 145) }
```

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

```
.background{ background-color: rgb(172,  
207, 145) }
```

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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