

Converting Colors

$Yxy(54.9478, 0.3172, 0.3790)$

Have a look what the booklet for
Yxy(54.9478, 0.3172, 0.3790)
contains.

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Color

Yxy(55.0529, 0.3173, 0.3784)

Conversions

Conversions Part 1

Format	Color
Hex	AFCCA6
RGB	175, 204, 166
RGB Percent	69%, 80%, 65%
CMY	0.3135, 0.2000, 0.3490
CMYK	0.14, 0.00, 0.19, 0.20
HSL	106°, 27%, 73%
HSV	106°, 19%, 80%
XYZ	46.1635, 55.0529, 44.2722
YIQ	190.9970, -5.0860, -17.9660

Conversions

Conversions Part 2

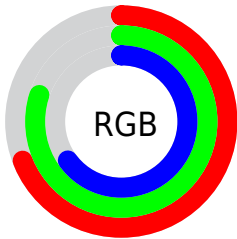
Format	Color
RYB	166, 204, 195
Decimal	11521190
CIELab	79.07, -16.76, 15.75
CIELCh	79, 23.001, 136.788
Yxy	55.0529, 0.3173, 0.3784
Android (android.graphics.Color)	4289711270 (0xFFAFCCA6)
YUV	190.9970, -12.3235, -14.0294
Hunter-Lab	74.1976, -18.7885, 16.5612

Details

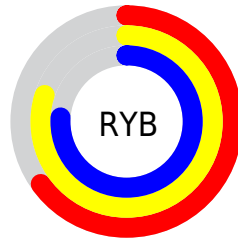
The Yxy color **55.0529, 0.3173, 0.3784** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.2297, 0.3069, 0.2821**, and the grayscale version is **52.1796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7294, 0.3173, 0.3637**, and **27.1652, 0.3178, 0.3929** is the 20% darker color. If you saturate the color by 10%, you get **52.6681, 0.3194, 0.4088**, and if you desaturate by 10%, it is **57.7682, 0.3149, 0.3506**.

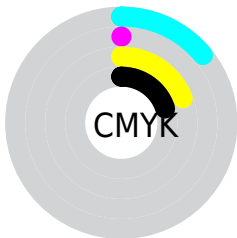
Distribution



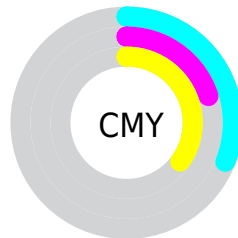
- Red (69%)
- Green (80%)
- Blue (65%)



- Red (65%)
- Yellow (80%)
- Blue (76%)



- Cyan (14%)
- Magenta (0%)
- Yellow (19%)
- Black (20%)





- Cyan (31%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0529, 0.3173, 0.3784 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 55.0529, 0.3173, 0.3784 by changing the saturation by 10% instead.


 55.0529, 0.3173,
0.3784

 55.0529, 0.3173,
0.3784


406.1124, 0.3154,
0.3537

 39.4441, 0.3176,
0.3846

 97.6185, 0.3167,
0.3694

 27.1054, 0.3180,
0.3925


 125.3440, 0.3165,
0.3661

 17.6524, 0.3183,
0.4030


157.8772, 0.3162,
0.3632

 10.7007, 0.3186,
0.4176

195.6025, 0.3161,
0.3608

 5.8660, 0.3184,
0.4392

238.9043, 0.3159,
0.3586

 2.7637, 0.3168,
0.4743

288.1669, 0.3157,

 1.0097, 0.3507,

0.3568

0.6493

343.7748, 0.3156,
0.3552

0.0000, 0.0000,
0.0000

55.0529, 0.3173,
0.3784

55.0529, 0.3173,
0.3784

52.6681, 0.3194,
0.4088

57.7682, 0.3149,
0.3506

50.5941, 0.3209,
0.4411

60.8189, 0.3124,
0.3257

48.8200, 0.3216,
0.4744

64.2184, 0.3098,
0.3036

47.3312, 0.3214,
0.5070

67.9776, 0.3072,
0.2842

46.1122, 0.3199,
0.5368

71.2407, 0.3134,
0.2789

■ 45.1456, 0.3173,
0.5618

■ 71.6621, 0.3151,
0.2791

■ 44.4117, 0.3137,
0.5802

■ 43.8844, 0.3095,
0.5916

■ 43.8242, 0.3090,
0.5929

Harmonies

Analogous

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



55.0529, 0.3466, 0.3830



55.0529, 0.3173, 0.3784



55.0529, 0.2878, 0.3584

Triad

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



55.0529, 0.3173, 0.3784



55.0529, 0.2603, 0.2846



55.0529, 0.3618, 0.3253

Complementary

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



55.0529, 0.3173, 0.3784



43.2297, 0.3069, 0.2821

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.



55.0529, 0.3366, 0.3019



55.0529, 0.3173, 0.3784



55.0529, 0.2781, 0.2788

Square

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



55.0529, 0.3173, 0.3784



55.0529, 0.2558, 0.3027



55.0529, 0.3058, 0.2852



55.0529, 0.3732, 0.3506

Rectangle

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



55.0529, 0.3173, 0.3784



55.0529, 0.2718, 0.3397



55.0529, 0.3058, 0.2852



55.0529, 0.3546, 0.3171

Sweetspot

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



55.0553, 0.3173, 0.3784



96.9091, 0.3143, 0.3440



54.3945, 0.3425, 0.3639



20.6732, 0.3144, 0.3457



0.0000, 0.0000, 0.0000



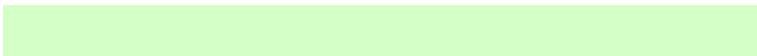
21.4041, 0.3127, 0.3290

Same Dimension

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



55.0553, 0.3173, 0.3784



89.6739, 0.3181, 0.3893



54.4048, 0.3038, 0.3665



12.6637, 0.3151, 0.3527



27.6220, 0.3097, 0.5923



1.4610, 0.3241, 0.5809

Inverse Universe

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



43.2297, 0.3069, 0.2821



66.8353, 0.3055, 0.2724



44.0287, 0.3230, 0.2942



11.2640, 0.3100, 0.3059



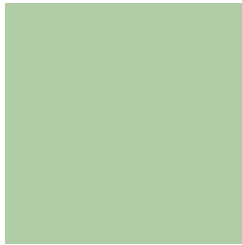
7.2019, 0.2618, 0.1216



0.4049, 0.2739, 0.1282

Previews

White Background



This preview shows how the Yxy color 55.0529, 0.3173, 0.3784 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 55.0529, 0.3173, 0.3784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

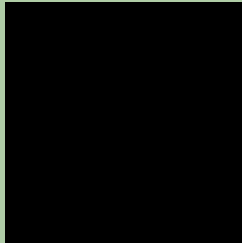
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

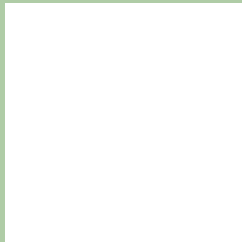
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0529, 0.3173, 0.3784

Background



This preview shows how black text looks on a background with the Yxy color 55.0529, 0.3173, 0.3784.



This preview shows how white text looks on a background with the Yxy color 55.0529, 0.3173, 0.3784.

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

55.0529, 0.3173, 0.3784

Protanopia

54.7607, 0.3472, 0.3693

Deuteranopia

54.6783, 0.3589, 0.3512



Tritanopia

54.8039, 0.2908, 0.3094

Trichromacy



Original Color

55.0529, 0.3173, 0.3784

Protanomaly

54.6346, 0.3365, 0.3728

Deuteranomaly

54.5325, 0.3427, 0.3607

Tritanomaly

54.9974, 0.3002, 0.3340

Monochromacy



Original Color

55.0529, 0.3173, 0.3784

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.1715, 0.3143, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0529, 0.3173, 0.3784 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(175, 204, 166)` looks like.

```
.text, #text, p{  
    color:rgb(175, 204, 166)  
}
```

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(175, 204, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 204, 166) }
```

Border

The CSS property to change the border of an element to Yxy 55.0529, 0.3173, 0.3784 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(175, 204, 166) }
```

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

```
.border{ border-color:rgb(175, 204, 166) }
```

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

Here you see how a box with a 4 pixel rgb(175, 204, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 204, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 204, 166);  
box-shadow:4px 4px 4px 4px rgb(175, 204,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0529, 0.3173, 0.3784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 204, 166) }
```

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

```
.background{ background-color: rgb(175,  
204, 166) }
```

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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