

Converting Colors

$Yxy(55.9886, 0.3505, 0.4013)$

Have a look what the booklet for
Yxy(55.9886, 0.3505, 0.4013)
contains.

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Color

Yxy(55.9904, 0.3506, 0.4013)

Conversions

Conversions Part 1

Format	Color
Hex	C4CA90
RGB	196, 202, 144
RGB Percent	77%, 79%, 56%
CMY	0.2314, 0.2078, 0.4353
CMYK	0.03, 0.00, 0.29, 0.21
HSL	66°, 35%, 68%
HSV	66°, 29%, 79%
XYZ	48.9166, 55.9904, 34.6155
YIQ	193.5940, 15.0420, -19.3100

Conversions

Conversions Part 2

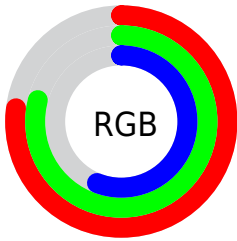
Format	Color
RYB	144, 202, 150
Decimal	12896912
CIELab	79.61, -11.41, 28.34
CIElCh	80, 30.554, 111.936
Yxy	55.9904, 0.3506, 0.4013
Android (android.graphics.Color)	4291086992 (0xFFC4CA90)
YUV	193.5940, -24.4498, 2.1101
Hunter-Lab	74.8267, -14.2557, 24.9506

Details

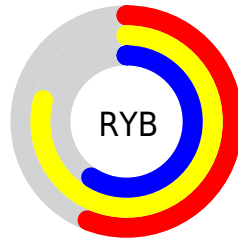
The Yxy color **55.9904, 0.3506, 0.4013** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.6993, 0.2679, 0.2476**, and the grayscale version is **53.8368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4799, 0.3452, 0.3853**, and **27.7209, 0.3600, 0.4207** is the 20% darker color. If you saturate the color by 10%, you get **55.1500, 0.3633, 0.4266**, and if you desaturate by 10%, it is **56.9502, 0.3374, 0.3756**.

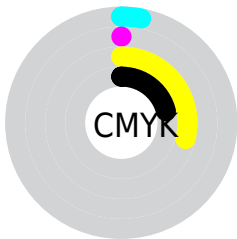
Distribution



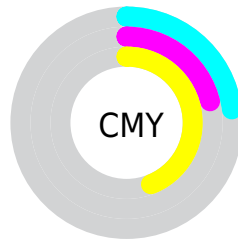
- Red (77%)
- Green (79%)
- Blue (56%)



- Red (56%)
- Yellow (79%)
- Blue (59%)



- Cyan (3%)
- Magenta (0%)
- Yellow (29%)
- Black (21%)




- Cyan (23%)
- Magenta (21%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9904, 0.3506, 0.4013 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 55.9904, 0.3506, 0.4013 by changing the saturation by 10% instead.


 55.9904, 0.3506,
0.4013


 55.9904, 0.3506,
0.4013


409.6553, 0.3329,
0.3657

 40.1952, 0.3546,
0.4100


 98.9905, 0.3445,
0.3885

 27.6908, 0.3595,
0.4209


 126.9643, 0.3421,
0.3837

 18.0927, 0.3655,
0.4351


159.7664, 0.3400,
0.3795

 11.0166, 0.3729,
0.4542

197.7812, 0.3382,
0.3760

 6.0780, 0.3820,
0.4810

241.3931, 0.3366,
0.3729

 2.8926, 0.3997,
0.5302

290.9864, 0.3352,

 1.0759, 0.4050,

0.3702

0.5950

346.9457, 0.3340,
0.3678

0.0000, 0.0000,
0.0000

55.9904, 0.3506,
0.4013

55.9904, 0.3506,
0.4013

55.1500, 0.3633,
0.4266

56.9502, 0.3374,
0.3756

54.4157, 0.3749,
0.4504

58.0275, 0.3241,
0.3503

53.7835, 0.3848,
0.4719

59.2298, 0.3111,
0.3259

53.2462, 0.3926,
0.4900


60.5620, 0.2986,
0.3030

52.7957, 0.3979,
0.5040


62.0286, 0.2869,
0.2816

 52.4223, 0.4006,
0.5135


 62.9587, 0.2821,
0.2718

 52.1109, 0.4011,
0.5191

 63.2660, 0.2836,
0.2721

 52.0725, 0.4011,
0.5197

 63.5773, 0.2850,
0.2723

 63.8926, 0.2864,
0.2725

Harmonies

Analogous

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



55.9904, 0.3810, 0.3886



55.9904, 0.3506, 0.4013



55.9904, 0.3112, 0.3921

Triad

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



55.9904, 0.3506, 0.4013



55.9904, 0.2384, 0.2886



55.9904, 0.3507, 0.2984

Complementary

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



55.9904, 0.3506, 0.4013



30.6993, 0.2679, 0.2476

Split Complementary

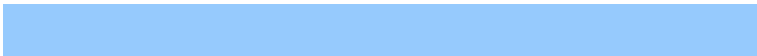
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.9904, 0.3101, 0.2752



55.9904, 0.3506, 0.4013



55.9904, 0.2472, 0.2684

Square

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



55.9904, 0.3506, 0.4013



55.9904, 0.2477, 0.3227



55.9904, 0.2726, 0.2643



55.9904, 0.3819, 0.3291

Rectangle

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



55.9904, 0.3506, 0.4013



55.9904, 0.2854, 0.3738



55.9904, 0.2726, 0.2643



55.9904, 0.3376, 0.2896

Sweetspot

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



55.9929, 0.3506, 0.4013



98.1597, 0.3246, 0.3513



36.3221, 0.3733, 0.3367



20.9501, 0.3266, 0.3550



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.



55.9929, 0.3506, 0.4013



93.9502, 0.3580, 0.4159



52.4972, 0.3268, 0.4072



13.0352, 0.3250, 0.3520



33.5274, 0.4013, 0.5195



1.7471, 0.4051, 0.5166

Inverse Universe

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



30.6993, 0.2679, 0.2476



44.7192, 0.2572, 0.2286



33.7733, 0.2940, 0.2534



10.8988, 0.2998, 0.3051



2.8652, 0.1539, 0.0622



0.1672, 0.1656, 0.0686

Previews

White Background



This preview shows how the Yxy color 55.9904, 0.3506, 0.4013 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 55.9904, 0.3506, 0.4013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

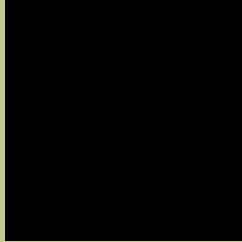
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

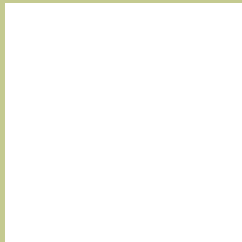
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9904, 0.3506, 0.4013

Background



This preview shows how black text looks on a background with the Yxy color 55.9904, 0.3506, 0.4013.



This preview shows how white text looks on a background with the Yxy color 55.9904, 0.3506, 0.4013.

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

55.9904, 0.3506, 0.4013

Protanopia

55.8825, 0.3674, 0.3949

Deuteranopia

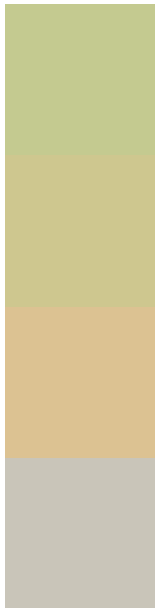
55.8254, 0.3849, 0.3765



Tritanopia

56.0244, 0.3096, 0.3114

Trichromacy



Original Color

55.9904, 0.3506, 0.4013

Protanomaly

55.9518, 0.3608, 0.3971

Deuteranomaly

55.8745, 0.3724, 0.3853

Tritanomaly

55.8528, 0.3249, 0.3436

Monochromacy



Original Color

55.9904, 0.3506, 0.4013

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.6692, 0.3268, 0.3551

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9904, 0.3506, 0.4013 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(196, 202, 144)` looks like.

```
.text, #text, p{  
    color:rgb(196, 202, 144)  
}
```

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(196, 202, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 202, 144) }
```

Border

The CSS property to change the border of an element to Yxy 55.9904, 0.3506, 0.4013 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(196, 202, 144) }
```

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

```
.border{ border-color:rgb(196, 202, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 202, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 202, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 202, 144);  
box-shadow:4px 4px 4px 4px rgb(196, 202,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9904, 0.3506, 0.4013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 202, 144) }
```

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

```
.background{ background-color: rgb(196,  
202, 144) }
```

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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