

Converting Colors

$Yxy(55.9498, 0.3184, 0.3712)$

Have a look what the booklet for
Yxy(55.9498, 0.3184, 0.3712)
contains.

Yxy(55.9498, 0.3184, 0.3712)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.9498, 0.3184, 0.3712)

Conversions

Conversions Part 1

Format	Color
Hex	B5CCAB
RGB	181, 204, 171
RGB Percent	71%, 80%, 67%
CMY	0.2903, 0.1999, 0.3295
CMYK	0.11, 0.00, 0.16, 0.20
HSL	102°, 24%, 74%
HSV	102°, 16%, 80%
XYZ	47.9914, 55.9498, 46.7856
YIQ	193.3610, -3.1150, -15.1390

Conversions

Conversions Part 2

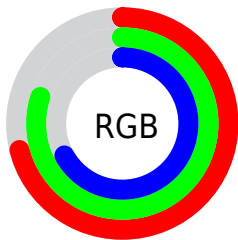
Format	Color
RYB	171, 204, 194
Decimal	11914411
CIELab	79.59, -13.86, 13.88
CIElCh	80, 19.614, 134.948
Yxy	55.9498, 0.3184, 0.3712
Android (android.graphics.Color)	4290104491 (0xFFB5CCAB)
YUV	193.3610, -11.0240, -10.8406
Hunter-Lab	74.7996, -16.3737, 15.2750

Details

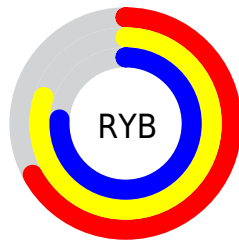
The Yxy color $55.9498, 0.3184, 0.3712$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $44.9505, 0.3059, 0.2882$, and the grayscale version is $53.6164, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0155, 0.3182, 0.3582$, and $27.7338, 0.3193, 0.3828$ is the 20% darker color. If you saturate the color by 10%, you get $53.6001, 0.3216, 0.4006$, and if you desaturate by 10%, it is $58.6002, 0.3149, 0.3443$.

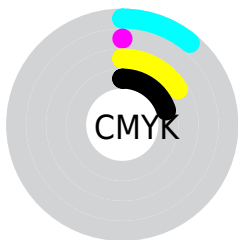
Distribution



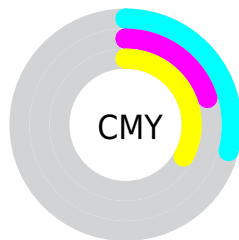
- Red (71%)
- Green (80%)
- Blue (67%)



- Red (67%)
- Yellow (80%)
- Blue (76%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (20%)



- Cyan (29%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.9498, 0.3184, 0.3712 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 55.9498, 0.3184, 0.3712 by changing the saturation by 10% instead.

■ 55.9498, 0.3184,
0.3712

■ 55.9498, 0.3184,
0.3712

409.5023, 0.3159,
0.3503

■ 40.1627, 0.3189,
0.3764

■ 98.9312, 0.3176,
0.3636

■ 27.6654, 0.3195,
0.3830

126.8942, 0.3172,
0.3608

■ 18.0736, 0.3203,
0.3918

159.6847, 0.3169,
0.3583

■ 11.0028, 0.3211,
0.4039

197.6870, 0.3167,
0.3563

■ 6.0687, 0.3219,
0.4218

241.2855, 0.3165,
0.3545

■ 2.8869, 0.3223,
0.4505

290.8646, 0.3162,

■ 1.0730, 0.3476,

0.3529

0.5565

346.8088, 0.3161,
0.3515

0.0000, 0.0000,
0.0000

55.9498, 0.3184,
0.3712

55.9498, 0.3184,
0.3712

53.6001, 0.3216,
0.4006

58.6002, 0.3149,
0.3443

51.5331, 0.3242,
0.4320

61.5542, 0.3113,
0.3201

49.7399, 0.3261,
0.4644

64.8240, 0.3078,
0.2986

48.2080, 0.3268,
0.4965

68.4186, 0.3043,
0.2795

46.9244, 0.3261,
0.5264

71.1340, 0.3130,
0.2788

■ 45.8745, 0.3240,
0.5521

■ 71.6733, 0.3151,
0.2792

■ 45.0417, 0.3204,
0.5720

■ 44.4069, 0.3157,
0.5851

■ 44.2070, 0.3139,
0.5889

Harmonies

Analogous

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



55.9498, 0.3429, 0.3744



55.9498, 0.3184, 0.3712



55.9498, 0.2931, 0.3551

Triad

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



55.9498, 0.3184, 0.3712



55.9498, 0.2674, 0.2920



55.9498, 0.3532, 0.3247

Complementary

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



55.9498, 0.3184, 0.3712



44.9505, 0.3059, 0.2882

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.



55.9498, 0.3315, 0.3048



55.9498, 0.3184, 0.3712



55.9498, 0.2821, 0.2861

Square

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



55.9498, 0.3184, 0.3712



55.9498, 0.2643, 0.3082



55.9498, 0.3054, 0.2909



55.9498, 0.3637, 0.3464

Rectangle

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



55.9498, 0.3184, 0.3712



55.9498, 0.2790, 0.3396



55.9498, 0.3054, 0.2909



55.9498, 0.3470, 0.3177

Sweetspot

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



55.9522, 0.3184, 0.3712



97.5576, 0.3145, 0.3414



54.1642, 0.3388, 0.3566



20.8101, 0.3148, 0.3432



0.0000, 0.0000, 0.0000



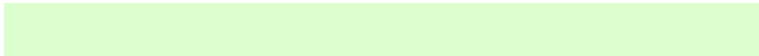
21.4041, 0.3127, 0.3290

Same Dimension

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



55.9522, 0.3184, 0.3712



91.4061, 0.3194, 0.3799



55.0243, 0.3065, 0.3641



12.6986, 0.3161, 0.3526



27.8625, 0.3148, 0.5882



1.4773, 0.3302, 0.5761

Inverse Universe

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



44.9505, 0.3059, 0.2882



70.2150, 0.3044, 0.2801



46.0320, 0.3196, 0.2963



11.2269, 0.3090, 0.3058



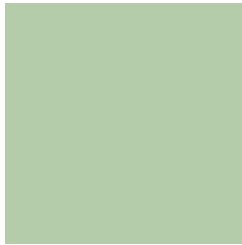
6.4326, 0.2463, 0.1130



0.3703, 0.2613, 0.1213

Previews

White Background



This preview shows how the Yxy color 55.9498, 0.3184, 0.3712 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 55.9498, 0.3184, 0.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

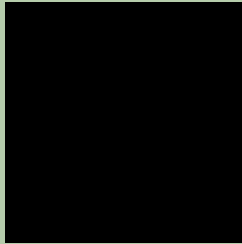
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9498, 0.3184, 0.3712

Background



This preview shows how black text looks on a background with the Yxy color 55.9498, 0.3184, 0.3712.



This preview shows how white text looks on a background with the Yxy color 55.9498, 0.3184, 0.3712.

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

55.9498, 0.3184, 0.3712

Protanopia

55.5353, 0.3439, 0.3642

Deuteranopia

55.7302, 0.3542, 0.3476



Tritanopia

55.9346, 0.2938, 0.3097

Trichromacy



Original Color

55.9498, 0.3184, 0.3712

Protanomaly

55.6798, 0.3350, 0.3673

Deuteranomaly

55.4572, 0.3403, 0.3556

Tritanomaly

55.7001, 0.3026, 0.3314

Monochromacy



Original Color

55.9498, 0.3184, 0.3712

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.2541, 0.3152, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9498, 0.3184, 0.3712 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(181, 204, 171)` looks like.

```
.text, #text, p{  
    color:rgb(181, 204, 171)  
}
```

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(181, 204, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 204, 171) }
```

Border

The CSS property to change the border of an element to Yxy 55.9498, 0.3184, 0.3712 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(181, 204, 171) }
```

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

```
.border{ border-color:rgb(181, 204, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 204, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 204, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 204, 171); box-shadow:4px 4px 4px 4px rgb(181, 204, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9498, 0.3184, 0.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 204, 171) }
```

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

```
.background{ background-color: rgb(181,  
204, 171) }
```

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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