

Converting Colors

Yxy(54.9498, 0.3315, 0.4167)

Have a look what the booklet for
Yxy(54.9498, 0.3315, 0.4167)
contains.

Yxy(55.1770, 0.3317, 0.4175)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.1770, 0.3317, 0.4175)

Conversions

Conversions Part 1

Format	Color
Hex	ABCF8C
RGB	171, 207, 140
RGB Percent	67%, 81%, 55%
CMY	0.3295, 0.1882, 0.4510
CMYK	0.17, 0.00, 0.32, 0.19
HSL	92°, 41%, 68%
HSV	92°, 32%, 81%
XYZ	43.8376, 55.1770, 33.1458
YIQ	188.5980, 0.0510, -28.4690

Conversions

Conversions Part 2

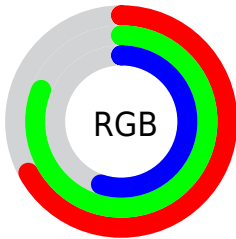
Format	Color
RYB	140, 207, 176
Decimal	11259788
CIELab	79.14, -23.79, 29.50
CIElCh	79, 37.895, 128.881
Yxy	55.1770, 0.3317, 0.4175
Android (android.graphics.Color)	4289449868 (0xFFABCF8C)
YUV	188.5980, -23.9588, -15.4334
Hunter-Lab	74.2812, -24.6490, 25.5404

Details

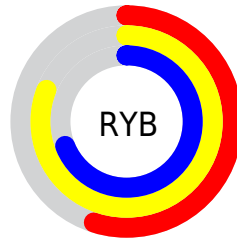
The Yxy color **55.1770, 0.3317, 0.4175** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.4904, 0.2870, 0.2419**, and the grayscale version is **50.7856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7459, 0.3304, 0.3927**, and **27.3553, 0.3351, 0.4436** is the 20% darker color. If you saturate the color by 10%, you get **53.4278, 0.3364, 0.4478**, and if you desaturate by 10%, it is **57.1511, 0.3262, 0.3881**.

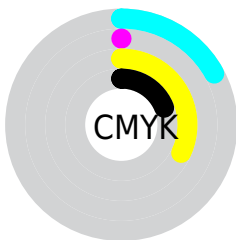
Distribution



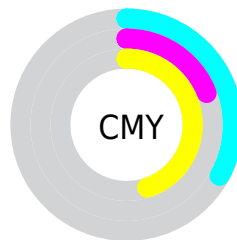
- Red (67%)
- Green (81%)
- Blue (55%)



- Red (55%)
- Yellow (81%)
- Blue (69%)



- Cyan (17%)
- Magenta (0%)
- Yellow (32%)
- Black (19%)





- Cyan (33%)
- Magenta (19%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1770, 0.3317, 0.4175 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 55.1770, 0.3317, 0.4175 by changing the saturation by 10% instead.


 55.1770, 0.3317,
0.4175

 55.1770, 0.3317,
0.4175


406.5825, 0.3236,
0.3729


 39.5435, 0.3332,
0.4287

 97.8002, 0.3291,
0.4012

 27.1828, 0.3349,
0.4429


 125.5587, 0.3280,
0.3951

 17.7105, 0.3366,
0.4618


 158.1276, 0.3271,
0.3900

 10.7424, 0.3379,
0.4878

195.8914, 0.3262,
0.3856

 5.8939, 0.3377,
0.5253

239.2343, 0.3255,
0.3818

 2.7807, 0.3435,
0.6033

288.5409, 0.3248,

 1.0183, 0.2725,

0.3784

0.7275

344.1955, 0.3242,
0.3755

0.0000, 0.0000,
0.0000

55.1770, 0.3317,
0.4175

55.1770, 0.3317,
0.4175

53.4278, 0.3364,
0.4478

57.1511, 0.3262,
0.3881

51.8872, 0.3399,
0.4780

59.3513, 0.3203,
0.3604

50.5479, 0.3417,
0.5065


61.7879, 0.3142,
0.3347

49.3992, 0.3416,
0.5318


64.4686, 0.3081,
0.3115

48.4289, 0.3394,
0.5524


67.4004, 0.3022,
0.2905

 47.6231, 0.3352,
0.5672

 69.9837, 0.3026,
0.2803

 47.1026, 0.3311,
0.5753

 71.9670, 0.3105,
0.2815

 73.1101, 0.3149,
0.2821

Harmonies

Analogous

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



55.1770, 0.3776, 0.4148



55.1770, 0.3317, 0.4175



55.1770, 0.2828, 0.3900

Triad

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



55.1770, 0.3317, 0.4175



55.1770, 0.2251, 0.2622



55.1770, 0.3846, 0.3114

Complementary

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



55.1770, 0.3317, 0.4175



32.4904, 0.2870, 0.2419

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.



55.1770, 0.3382, 0.2776



55.1770, 0.3317, 0.4175



55.1770, 0.2474, 0.2494

Square

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



55.1770, 0.3317, 0.4175



55.1770, 0.2238, 0.2946



55.1770, 0.2876, 0.2555



55.1770, 0.4106, 0.3507

Rectangle

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



55.1770, 0.3317, 0.4175



55.1770, 0.2552, 0.3591



55.1770, 0.2876, 0.2555



55.1770, 0.3707, 0.2992

Sweetspot

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



55.1794, 0.3317, 0.4175



95.9575, 0.3189, 0.3544



46.1061, 0.3725, 0.3738



20.4240, 0.3198, 0.3581



0.0000, 0.0000, 0.0000



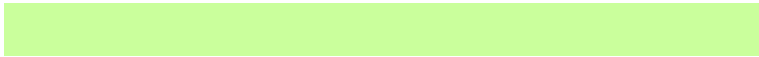
21.4041, 0.3127, 0.3290

Same Dimension

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



55.1794, 0.3317, 0.4175



86.3979, 0.3351, 0.4390



52.1644, 0.3068, 0.4209



13.4703, 0.3185, 0.3525



29.7288, 0.3321, 0.5745



1.7092, 0.3466, 0.5630

Inverse Universe

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



32.4904, 0.2870, 0.2419



44.4026, 0.2797, 0.2211



36.4168, 0.3185, 0.2516



11.7261, 0.3065, 0.3056



5.0355, 0.2105, 0.0933



0.3285, 0.2298, 0.1040

Previews

White Background



This preview shows how the Yxy color 55.1770, 0.3317, 0.4175 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 55.1770, 0.3317, 0.4175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

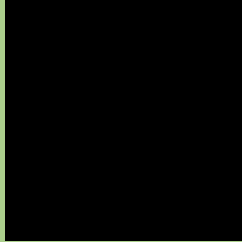
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1770, 0.3317, 0.4175

Background



This preview shows how black text looks on a background with the Yxy color 55.1770, 0.3317, 0.4175.



This preview shows how white text looks on a background with the Yxy color 55.1770, 0.3317, 0.4175.

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

55.1770, 0.3317, 0.4175

Protanopia

54.6284, 0.3727, 0.4012

Deuteranopia

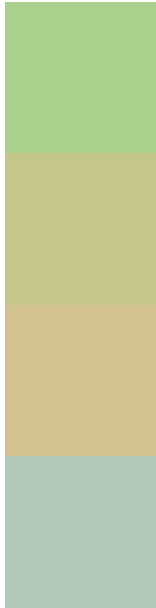
54.5432, 0.3865, 0.3780



Tritanopia

55.1373, 0.2901, 0.3106

Trichromacy



Original Color

55.1770, 0.3317, 0.4175

Protanomaly

54.3888, 0.3567, 0.4067

Deuteranomaly

54.1221, 0.3651, 0.3910

Tritanomaly

54.7834, 0.3057, 0.3481

Monochromacy



Original Color

55.1770, 0.3317, 0.4175

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.3652, 0.3200, 0.3613

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1770, 0.3317, 0.4175 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(171, 207, 140)` looks like.

```
.text, #text, p{  
    color:rgb(171, 207, 140)  
}
```

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(171, 207, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 207, 140) }
```

Border

The CSS property to change the border of an element to Yxy 55.1770, 0.3317, 0.4175 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(171, 207, 140) }
```

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

```
.border{ border-color:rgb(171, 207, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 207, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 207, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 207, 140); box-shadow:4px 4px 4px 4px rgb(171, 207, 140) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1770, 0.3317, 0.4175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 207, 140) }
```

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

```
.background{ background-color: rgb(171,  
207, 140) }
```

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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