

Converting Colors

$Y_{xy}(54.5975, 0.3342, 0.3989)$

Have a look what the booklet for
Yxy(54.5975, 0.3342, 0.3989)
contains.

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Color

Yxy(54.7056, 0.3343, 0.3990)

Conversions

Conversions Part 1

Format	Color
Hex	B5CB95
RGB	181, 203, 149
RGB Percent	71%, 80%, 58%
CMY	0.2902, 0.2039, 0.4158
CMYK	0.11, 0.00, 0.27, 0.20
HSL	84°, 34%, 69%
HSV	84°, 27%, 80%
XYZ	45.8348, 54.7056, 36.5664
YIQ	190.2660, 4.2220, -21.4580

Conversions

Conversions Part 2

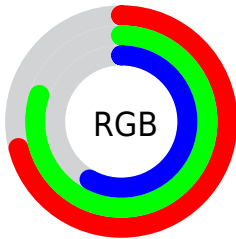
Format	Color
RYB	149, 203, 171
Decimal	11914133
CIELab	78.87, -16.84, 24.55
CIELCh	79, 29.771, 124.437
Yxy	54.7056, 0.3343, 0.3990
Android (android.graphics.Color)	4290104213 (0xFFB5CB95)
YUV	190.2660, -20.3441, -8.1263
Hunter-Lab	73.9632, -18.8198, 22.4621

Details

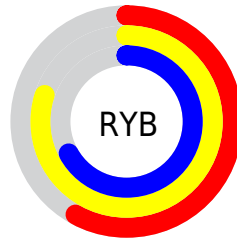
The Yxy color $54.7056, 0.3343, 0.3990$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $34.4556, 0.2861, 0.2573$, and the grayscale version is $51.7715, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.8363, 0.3317, 0.3820$, and $26.9659, 0.3392, 0.4185$ is the 20% darker color. If you saturate the color by 10%, you get $53.1450, 0.3417, 0.4276$, and if you desaturate by 10%, it is $56.4433, 0.3263, 0.3714$.

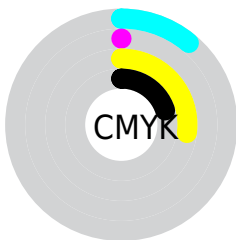
Distribution



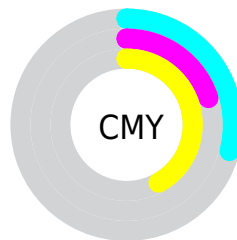
- Red (71%)
- Green (80%)
- Blue (58%)



- Red (58%)
- Yellow (80%)
- Blue (67%)



- Cyan (11%)
- Magenta (0%)
- Yellow (27%)
- Black (20%)





- Cyan (29%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7056, 0.3343, 0.3990 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 54.7056, 0.3343, 0.3990 by changing the saturation by 10% instead.


 54.7056, 0.3343,
0.3990


 54.7056, 0.3343,
0.3990


404.7950, 0.3245,
0.3640

 39.1661, 0.3364,
0.4077

 97.1095, 0.3310,
0.3863

 26.8889, 0.3390,
0.4188


 124.7426, 0.3296,
0.3815

 17.4898, 0.3420,
0.4335


157.1757, 0.3285,
0.3775

 10.5843, 0.3456,
0.4538

194.7932, 0.3275,
0.3740

 5.7881, 0.3495,
0.4832

237.9795, 0.3266,
0.3710

 2.7167, 0.3557,
0.5345

287.1190, 0.3258,

 0.9857, 0.3464,

0.3683

0.6536

342.5960, 0.3251,
0.3660

0.0000, 0.0000,
0.0000

54.7056, 0.3343,
0.3990

54.7056, 0.3343,
0.3990

53.1450, 0.3417,
0.4276

56.4433, 0.3263,
0.3714

51.7475, 0.3481,
0.4562

58.3574, 0.3181,
0.3452

50.5081, 0.3530,
0.4836

60.4564, 0.3100,
0.3210

49.4185, 0.3560,
0.5086

62.7459, 0.3021,
0.2989

48.4697, 0.3568,
0.5298

65.2315, 0.2946,
0.2788

■ 47.6512, 0.3551,
0.5462

■ 66.8600, 0.2975,
0.2754

■ 46.9497, 0.3512,
0.5574

■ 68.2656, 0.3034,
0.2763

■ 46.7309, 0.3496,
0.5606

■ 69.7371, 0.3094,
0.2773

■ 71.1953, 0.3151,
0.2782

Harmonies

Analogous

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



54.7056, 0.3691, 0.3950



54.7056, 0.3343, 0.3990



54.7056, 0.2951, 0.3806

Triad

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



54.7056, 0.3343, 0.3990



54.7056, 0.2411, 0.2792



54.7056, 0.3646, 0.3109

Complementary

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



54.7056, 0.3343, 0.3990



34.4556, 0.2861, 0.2573

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.



54.7056, 0.3271, 0.2844



54.7056, 0.3343, 0.3990



54.7056, 0.2569, 0.2658

Square

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



54.7056, 0.3343, 0.3990



54.7056, 0.2429, 0.3077



54.7056, 0.2877, 0.2682



54.7056, 0.3880, 0.3427

Rectangle

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



54.7056, 0.3343, 0.3990



54.7056, 0.2718, 0.3583



54.7056, 0.2877, 0.2682



54.7056, 0.3531, 0.3012

Sweetspot

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



54.7080, 0.3343, 0.3990



97.2130, 0.3193, 0.3490



43.8372, 0.3624, 0.3567



20.7003, 0.3206, 0.3529



0.0000, 0.0000, 0.0000



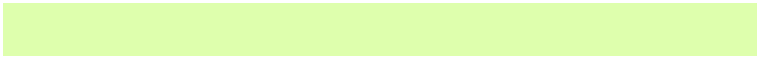
21.4041, 0.3127, 0.3290

Same Dimension

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



54.7080, 0.3343, 0.3990



90.0446, 0.3387, 0.4155



51.7917, 0.3132, 0.4038



12.8600, 0.3204, 0.3523



29.7914, 0.3505, 0.5599



1.5805, 0.3639, 0.5493

Inverse Universe

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



34.4556, 0.2861, 0.2573



50.4742, 0.2790, 0.2399



37.7514, 0.3107, 0.2624



11.0633, 0.3045, 0.3055



3.9556, 0.1864, 0.0801



0.2481, 0.2090, 0.0925

Previews

White Background



This preview shows how the Yxy color 54.7056, 0.3343, 0.3990 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 54.7056, 0.3343, 0.3990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

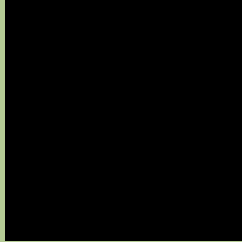
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7056, 0.3343, 0.3990

Background



This preview shows how black text looks on a background with the Yxy color 54.7056, 0.3343, 0.3990.



This preview shows how white text looks on a background with the Yxy color 54.7056, 0.3343, 0.3990.

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

54.7056, 0.3343, 0.3990

Protanopia

54.6299, 0.3632, 0.3897

Deuteranopia

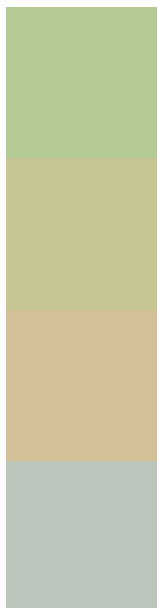
54.3016, 0.3771, 0.3694



Tritanopia

54.6305, 0.2980, 0.3108

Trichromacy



Original Color

54.7056, 0.3343, 0.3990

Protanomaly

54.6056, 0.3528, 0.3937

Deuteranomaly

54.2232, 0.3609, 0.3798

Tritanomaly

54.5838, 0.3113, 0.3415

Monochromacy



Original Color

54.7056, 0.3343, 0.3990

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.6902, 0.3212, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7056, 0.3343, 0.3990 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, 203, 149)` looks like.

```
.text, #text, p{  
    color:rgb(181, 203, 149)  
}
```

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, 203, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 203, 149) }
```

Border

The CSS property to change the border of an element to Yxy 54.7056, 0.3343, 0.3990 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, 203, 149) }
```

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

```
.border{ border-color:rgb(181, 203, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 203, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 203, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 203, 149);  
box-shadow:4px 4px 4px 4px rgb(181, 203,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7056, 0.3343, 0.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 203, 149) }
```

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

```
.background{ background-color: rgb(181,  
203, 149) }
```

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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