

Converting Colors

Yxy(54.6952, 0.3313, 0.3904)

Have a look what the booklet for
Yxy(54.6952, 0.3313, 0.3904)
contains.

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Color

Yxy(54.5527, 0.3310, 0.3897)

Conversions

Conversions Part 1

Format	Color
Hex	B6CA9B
RGB	182, 202, 155
RGB Percent	71%, 79%, 61%
CMY	0.2861, 0.2079, 0.3921
CMYK	0.10, 0.00, 0.23, 0.21
HSL	85°, 31%, 70%
HSV	85°, 23%, 79%
XYZ	46.3355, 54.5527, 39.0982
YIQ	190.6620, 3.1670, -18.8570

Conversions

Conversions Part 2

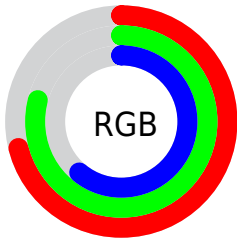
Format	Color
RYB	155, 202, 175
Decimal	11979419
CIELab	78.78, -15.03, 21.26
CIELCh	79, 26.040, 125.257
Yxy	54.5527, 0.3310, 0.3897
Android (android.graphics.Color)	4290169499 (0xFFB6CA9B)
YUV	190.6620, -17.5814, -7.5966
Hunter-Lab	73.8598, -17.2738, 20.3163

Details

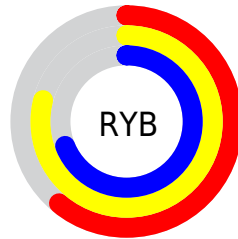
The Yxy color **54.5527, 0.3310, 0.3897** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.8163, 0.2908, 0.2673**, and the grayscale version is **52.0016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3503, 0.3282, 0.3747**, and **26.8464, 0.3350, 0.4061** is the 20% darker color. If you saturate the color by 10%, you get **52.9193, 0.3383, 0.4182**, and if you desaturate by 10%, it is **56.3683, 0.3232, 0.3624**.

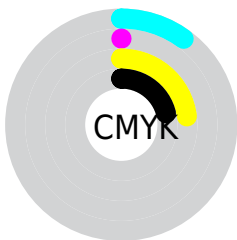
Distribution



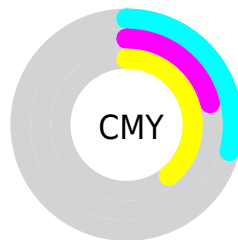
- Red (71%)
- Green (79%)
- Blue (61%)



- Red (61%)
- Yellow (79%)
- Blue (69%)



- Cyan (10%)
- Magenta (0%)
- Yellow (23%)
- Black (21%)





- Cyan (29%)
- Magenta (21%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5527, 0.3310, 0.3897 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 54.5527, 0.3310, 0.3897 by changing the saturation by 10% instead.


 54.5527, 0.3310,
0.3897

 54.5527, 0.3310,
0.3897


404.2141, 0.3226,
0.3594

 39.0437, 0.3329,
0.3972


 96.8853, 0.3281,
0.3787

 26.7937, 0.3351,
0.4069


 124.4777, 0.3270,
0.3746

 17.4184, 0.3379,
0.4197


156.8666, 0.3260,
0.3711

 10.5332, 0.3412,
0.4373

194.4366, 0.3251,
0.3680

 5.7539, 0.3451,
0.4631

237.5719, 0.3244,
0.3654

 2.6960, 0.3495,
0.5049


286.6570, 0.3237,


 0.9752, 0.3636,


0.3632


0.6364


342.0763, 0.3231,
0.3612


 0.0000, 0.0000,
0.0000


 54.5527, 0.3310,
0.3897


 54.5527, 0.3310,
0.3897


 52.9193, 0.3383,
0.4182


 56.3683, 0.3232,
0.3624


 51.4543, 0.3448,
0.4471


 58.3654, 0.3153,
0.3369

 50.1528, 0.3500,
0.4754


 60.5524, 0.3075,
0.3134

 49.0067, 0.3534,
0.5017


 62.9349, 0.3000,
0.2920

 48.0073, 0.3547,
0.5246

 65.4538, 0.2935,
0.2736

 47.1446, 0.3536,
0.5430


 66.8665, 0.2996,
0.2746

 46.4069, 0.3502,
0.5561

 68.3495, 0.3057,
0.2756

 45.9669, 0.3470,
0.5627

 69.9036, 0.3120,
0.2767

 70.7183, 0.3151,
0.2772

Harmonies

Analogous

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



54.5527, 0.3617, 0.3872



54.5527, 0.3310, 0.3897



54.5527, 0.2966, 0.3731

Triad

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



54.5527, 0.3310, 0.3897



54.5527, 0.2497, 0.2849



54.5527, 0.3589, 0.3140

Complementary

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



54.5527, 0.3310, 0.3897



36.8163, 0.2908, 0.2673

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.



54.5527, 0.3265, 0.2901



54.5527, 0.3310, 0.3897



54.5527, 0.2642, 0.2732

Square

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



54.5527, 0.3310, 0.3897



54.5527, 0.2509, 0.3098



54.5527, 0.2917, 0.2754



54.5527, 0.3788, 0.3422

Rectangle

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



54.5527, 0.3310, 0.3897



54.5527, 0.2761, 0.3537



54.5527, 0.2917, 0.2754



54.5527, 0.3490, 0.3053

Sweetspot

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



54.5551, 0.3310, 0.3897



97.4940, 0.3183, 0.3465



45.4200, 0.3547, 0.3540



20.8231, 0.3188, 0.3480



0.0000, 0.0000, 0.0000



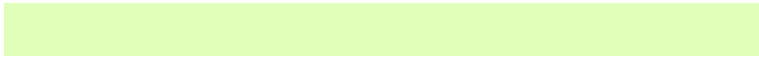
21.4041, 0.3127, 0.3290

Same Dimension

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



54.5551, 0.3310, 0.3897



90.9206, 0.3348, 0.4042



51.9676, 0.3127, 0.3932



12.8503, 0.3201, 0.3523



29.6345, 0.3479, 0.5619



1.5729, 0.3616, 0.5511

Inverse Universe

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



36.8163, 0.2908, 0.2673



55.6186, 0.2849, 0.2523



39.7239, 0.3118, 0.2711



11.0729, 0.3048, 0.3055



4.0602, 0.1893, 0.0817



0.2539, 0.2118, 0.0940

Previews

White Background



This preview shows how the Yxy color 54.5527, 0.3310, 0.3897 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 54.5527, 0.3310, 0.3897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

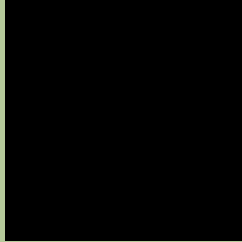
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5527, 0.3310, 0.3897

Background



This preview shows how black text looks on a background with the Yxy color 54.5527, 0.3310, 0.3897.



This preview shows how white text looks on a background with the Yxy color 54.5527, 0.3310, 0.3897.

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

54.5527, 0.3310, 0.3897

Protanopia

54.2278, 0.3579, 0.3814

Deuteranopia

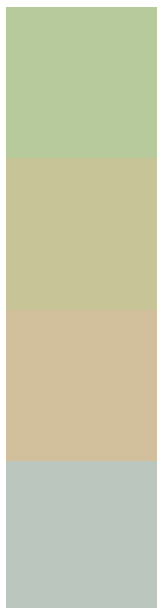
54.1780, 0.3703, 0.3627



Tritanopia

54.6305, 0.2980, 0.3108

Trichromacy



Original Color

54.5527, 0.3310, 0.3897

Protanomaly

54.3416, 0.3485, 0.3850

Deuteranomaly

53.8352, 0.3555, 0.3715

Tritanomaly

54.6707, 0.3099, 0.3390

Monochromacy



Original Color

54.5527, 0.3310, 0.3897

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.9359, 0.3198, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5527, 0.3310, 0.3897 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(182, 202, 155)` looks like.

```
.text, #text, p{  
    color:rgb(182, 202, 155)  
}
```

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(182, 202, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 202, 155) }
```

Border

The CSS property to change the border of an element to Yxy 54.5527, 0.3310, 0.3897 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(182, 202, 155) }
```

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

```
.border{ border-color:rgb(182, 202, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 202, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 202, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 202, 155);  
box-shadow:4px 4px 4px 4px rgb(182, 202,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5527, 0.3310, 0.3897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 202, 155) }
```

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

```
.background{ background-color: rgb(182,  
202, 155) }
```

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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