

Converting Colors

$Yxy(49.9156, 0.3355, 0.3651)$

Have a look what the booklet for
Yxy(49.9156, 0.3355, 0.3651)
contains.

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Color

Yxy(49.9156, 0.3355, 0.3651)

Conversions

Conversions Part 1

Format	Color
Hex	BEBDA1
RGB	190, 189, 161
RGB Percent	75%, 74%, 63%
CMY	0.2548, 0.2588, 0.3686
CMYK	0.00, 0.01, 0.15, 0.25
HSL	58°, 18%, 69%
HSV	58°, 15%, 75%
XYZ	45.8688, 49.9156, 40.9333
YIQ	186.1070, 9.5840, -8.4960

Conversions

Conversions Part 2

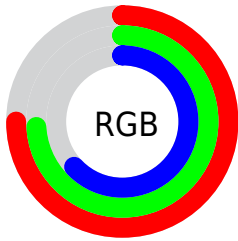
Format	Color
RYB	162, 190, 161
Decimal	12500385
CIELab	76.02, -4.44, 14.31
CIELCh	76, 14.978, 107.232
Yxy	49.9156, 0.3355, 0.3651
Android (android.graphics.Color)	4290690465 (0xFFBEBDA1)
YUV	186.1070, -12.3778, 3.4142
Hunter-Lab	70.6510, -7.7516, 15.1047

Details

The Yxy color $49.9156, 0.3355, 0.3651$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $37.1412, 0.2884, 0.2902$, and the grayscale version is $49.2348, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.8555, 0.3311, 0.3582$, and $23.9467, 0.3414, 0.3765$ is the 20% darker color. If you saturate the color by 10%, you get $49.0114, 0.3509, 0.3893$, and if you desaturate by 10%, it is $50.9274, 0.3204, 0.3413$.

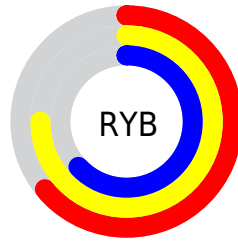
Distribution



Red (75%)

Green (74%)

Blue (63%)



Red (64%)

Yellow (75%)

Blue (63%)

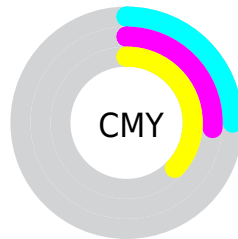


Cyan (0%)

Magenta (1%)

Yellow (15%)

Black (25%)



Cyan (25%)


Magenta (26%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.9156, 0.3355, 0.3651 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 49.9156, 0.3355, 0.3651 by changing the saturation by 10% instead.


 49.9156, 0.3355,
0.3651

 49.9156, 0.3355,
0.3651


386.3358, 0.3243,
0.3471

 35.3463, 0.3382,
0.3696


 90.0498, 0.3315,
0.3586

 23.9298, 0.3416,
0.3753


 116.3836, 0.3300,
0.3561

 15.2815, 0.3461,
0.3829


147.4076, 0.3287,
0.3540

 9.0172, 0.3522,
0.3934

183.5063, 0.3276,
0.3523

 4.7524, 0.3608,
0.4090

225.0641, 0.3266,
0.3507

 2.1027, 0.3740,
0.4340

272.4653, 0.3258,

 0.6662, 0.4407,

0.3494

0.5593

326.0944, 0.3250,
0.3482

0.0000, 0.0000,
0.0000

49.9156, 0.3355,
0.3651

49.9156, 0.3355,
0.3651

49.0114, 0.3509,
0.3893

50.9274, 0.3204,
0.3413

48.2037, 0.3661,
0.4130

52.0444, 0.3060,
0.3183

47.4896, 0.3806,
0.4354

53.2730, 0.2924,
0.2965

46.8638, 0.3938,
0.4555

54.6170, 0.2798,
0.2763

46.3205, 0.4051,
0.4725

56.0151, 0.2688,
0.2586

■ 45.8528, 0.4141,
0.4856

■ 56.3091, 0.2689,
0.2594

■ 45.4532, 0.4205,
0.4943

■ 56.6045, 0.2689,
0.2602

■ 45.1122, 0.4243,
0.4989

■ 56.9012, 0.2690,
0.2609

■ 44.9621, 0.4256,
0.5003

■ 57.1993, 0.2691,
0.2617

Harmonies

Analogous

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



49.9156, 0.3493, 0.3585



49.9156, 0.3355, 0.3651



49.9156, 0.3158, 0.3615

Triad

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



49.9156, 0.3355, 0.3651



49.9156, 0.2739, 0.3115



49.9156, 0.3292, 0.3108

Complementary

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



49.9156, 0.3355, 0.3651



37.1412, 0.2884, 0.2902

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.



49.9156, 0.3086, 0.2991



49.9156, 0.3355, 0.3651



49.9156, 0.2771, 0.2990

Square

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



49.9156, 0.3355, 0.3651



49.9156, 0.2806, 0.3296



49.9156, 0.2896, 0.2947



49.9156, 0.3458, 0.3271

Rectangle

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



49.9156, 0.3355, 0.3651



49.9156, 0.3022, 0.3536



49.9156, 0.2896, 0.2947



49.9156, 0.3225, 0.3062

Sweetspot

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



49.9178, 0.3355, 0.3651



92.3053, 0.3201, 0.3408



39.0628, 0.3396, 0.3272



20.2394, 0.3212, 0.3425



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



49.9178, 0.3355, 0.3651



89.9242, 0.3401, 0.3724



48.7501, 0.3241, 0.3677



11.0615, 0.3265, 0.3509



29.9160, 0.4255, 0.5004



1.1899, 0.4239, 0.5016

Inverse Universe

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



37.1412, 0.2884, 0.2902



62.7801, 0.2831, 0.2816



38.2124, 0.2999, 0.2901



9.2776, 0.2984, 0.3061



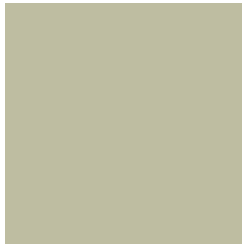
2.5925, 0.1507, 0.0626



0.1201, 0.1535, 0.0727

Previews

White Background



This preview shows how the Yxy color 49.9156, 0.3355, 0.3651 looks on a white background.

Color Contrast Check

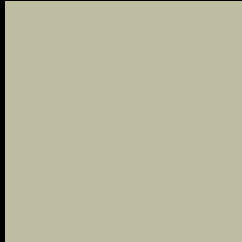
Large Text (above 18pt) WCAG AA × Fail

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 49.9156, 0.3355, 0.3651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

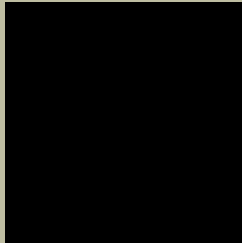
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

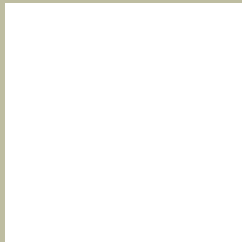
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.9156, 0.3355, 0.3651

Background



This preview shows how black text looks on a background with the Yxy color 49.9156, 0.3355, 0.3651.



This preview shows how white text looks on a background with the Yxy color 49.9156, 0.3355, 0.3651.

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

49.9156, 0.3355, 0.3651

Protanopia

49.9490, 0.3428, 0.3633

Deuteranopia

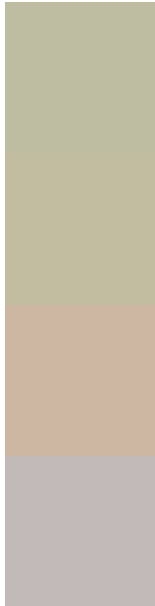
49.5830, 0.3573, 0.3497



Tritanopia

49.9603, 0.3110, 0.3118

Trichromacy



Original Color

49.9156, 0.3355, 0.3651

Protanomaly

49.9738, 0.3400, 0.3648

Deuteranomaly

49.4547, 0.3492, 0.3551

Tritanomaly

49.9581, 0.3194, 0.3303

Monochromacy



Original Color

49.9156, 0.3355, 0.3651

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.2798, 0.3205, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9156, 0.3355, 0.3651 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(190, 189, 161)` looks like.

```
.text, #text, p{  
    color:rgb(190, 189, 161)  
}
```

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(190, 189, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 189, 161) }
```

Border

The CSS property to change the border of an element to Yxy 49.9156, 0.3355, 0.3651 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(190, 189, 161) }
```

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

```
.border{ border-color:rgb(190, 189, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 189, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 189, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 189, 161);  
box-shadow:4px 4px 4px 4px rgb(190, 189,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9156, 0.3355, 0.3651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 189, 161) }
```

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

```
.background{ background-color: rgb(190,  
189, 161) }
```

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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