

Converting Colors

$Y_{xy}(50.5825, 0.3445, 0.3730)$

Have a look what the booklet for
Yxy(50.5825, 0.3445, 0.3730)
contains.

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Color

Yxy(50.7956, 0.3444, 0.3736)

Conversions

Conversions Part 1

Format	Color
Hex	C3BE9B
RGB	195, 190, 155
RGB Percent	76%, 75%, 61%
CMY	0.2355, 0.2548, 0.3922
CMYK	0.00, 0.03, 0.20, 0.24
HSL	53°, 25%, 69%
HSV	53°, 20%, 76%
XYZ	46.8255, 50.7956, 38.3414
YIQ	187.5050, 14.2150, -9.8250

Conversions

Conversions Part 2

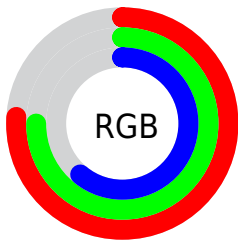
Format	Color
RYB	161, 195, 155
Decimal	12828315
CIELab	76.56, -4.05, 18.35
CIELCh	77, 18.787, 102.438
Yxy	50.7956, 0.3444, 0.3736
Android (android.graphics.Color)	4291018395 (0xFFC3BE9B)
YUV	187.5050, -16.0250, 6.5731
Hunter-Lab	71.2710, -7.4487, 17.9937

Details

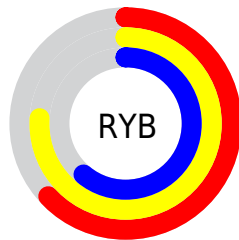
The Yxy color **50.7956, 0.3444, 0.3736** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.0197, 0.2793, 0.2801**, and the grayscale version is **50.0779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2601, 0.3388, 0.3649**, and **24.5535, 0.3525, 0.3858** is the 20% darker color. If you saturate the color by 10%, you get **49.1611, 0.3607, 0.3958**, and if you desaturate by 10%, it is **52.5576, 0.3285, 0.3515**.

Distribution



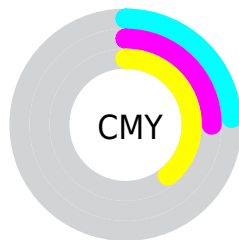
- Red (76%)
- Green (75%)
- Blue (61%)



- Red (63%)
- Yellow (76%)
- Blue (61%)



- Cyan (0%)
- Magenta (3%)
- Yellow (20%)
- Black (24%)



- Cyan (24%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7956, 0.3444, 0.3736 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 50.7956, 0.3444, 0.3736 by changing the saturation by 10% instead.


 50.7956, 0.3444,
0.3736

 50.7956, 0.3444,
0.3736


389.7691, 0.3289,
0.3515

 36.0460, 0.3481,
0.3791


 91.3526, 0.3389,
0.3656

 24.4697, 0.3528,
0.3860


 117.9287, 0.3368,
0.3626

 15.6824, 0.3589,
0.3952


149.2157, 0.3350,
0.3600

 9.2997, 0.3671,
0.4077

185.5982, 0.3334,
0.3578

 4.9372, 0.3786,
0.4259

227.4603, 0.3321,
0.3559

 2.2104, 0.3970,
0.4560

275.1866, 0.3309,

 0.7257, 0.4488,

0.3543

0.5512

329.1614, 0.3299,
0.3528

0.0000, 0.0000,
0.0000

50.7956, 0.3444,
0.3736

50.7956, 0.3444,
0.3736

49.1611, 0.3607,
0.3958

52.5576, 0.3285,
0.3515

47.6422, 0.3771,
0.4174

54.4451, 0.3134,
0.3300

46.2355, 0.3929,
0.4375

56.4648, 0.2994,
0.3097

44.9349, 0.4075,
0.4551

58.6211, 0.2864,
0.2906

43.7338, 0.4202,
0.4692

60.9181, 0.2745,
0.2729

■ 42.6243, 0.4304,
0.4792

■ 62.2185, 0.2732,
0.2731

■ 41.5974, 0.4379,
0.4847

■ 63.3744, 0.2735,
0.2759

■ 40.6816, 0.4429,
0.4865

■ 64.5480, 0.2737,
0.2786

■ 65.7395, 0.2739,
0.2813

Harmonies

Analogous

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



50.7956, 0.3601, 0.3632



50.7956, 0.3444, 0.3736



50.7956, 0.3205, 0.3715

Triad

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



50.7956, 0.3444, 0.3736



50.7956, 0.2651, 0.3101



50.7956, 0.3292, 0.3036

Complementary

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



50.7956, 0.3444, 0.3736



36.0197, 0.2793, 0.2801

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.



50.7956, 0.3033, 0.2905



50.7956, 0.3444, 0.3736



50.7956, 0.2671, 0.2934

Square

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



50.7956, 0.3444, 0.3736



50.7956, 0.2752, 0.3334



50.7956, 0.2808, 0.2866



50.7956, 0.3514, 0.3230

Rectangle

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



50.7956, 0.3444, 0.3736



50.7956, 0.3034, 0.3627



50.7956, 0.2808, 0.2866



50.7956, 0.3206, 0.2984

Sweetspot

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



50.7979, 0.3444, 0.3736



95.6444, 0.3218, 0.3419



37.5841, 0.3478, 0.3221



20.8961, 0.3228, 0.3434



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.



50.7979, 0.3444, 0.3736



89.5686, 0.3524, 0.3845



51.1144, 0.3308, 0.3816



11.5393, 0.3268, 0.3490



26.5389, 0.4426, 0.4868



1.2074, 0.4367, 0.4915

Inverse Universe

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



36.0197, 0.2793, 0.2801



57.9086, 0.2703, 0.2667



35.8833, 0.2918, 0.2750



9.9438, 0.2983, 0.3082



3.0550, 0.1529, 0.0702



0.1995, 0.1612, 0.1001

Previews

White Background



This preview shows how the Yxy color 50.7956, 0.3444, 0.3736 looks on a white background.

Color Contrast Check

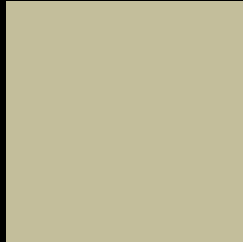
Large Text (above 18pt) WCAG AA × Fail

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 50.7956, 0.3444, 0.3736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

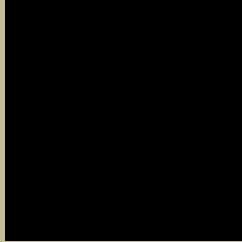
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

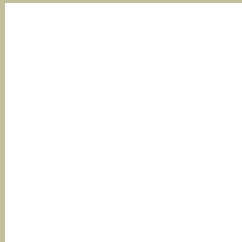
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.7956, 0.3444, 0.3736

Background



This preview shows how black text looks on a background with the Yxy color 50.7956, 0.3444, 0.3736.



This preview shows how white text looks on a background with the Yxy color 50.7956, 0.3444, 0.3736.

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

50.7956, 0.3444, 0.3736

Protanopia

50.5789, 0.3502, 0.3718

Deuteranopia

50.7956, 0.3656, 0.3590



Tritanopia

50.7757, 0.3160, 0.3121

Trichromacy



Original Color

50.7956, 0.3444, 0.3736

Protanomaly

50.7341, 0.3481, 0.3733

Deuteranomaly

50.7999, 0.3583, 0.3645

Tritanomaly

50.6373, 0.3269, 0.3340

Monochromacy



Original Color

50.7956, 0.3444, 0.3736

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.6061, 0.3244, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7956, 0.3444, 0.3736 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(195, 190, 155)` looks like.

```
.text, #text, p{  
    color:rgb(195, 190, 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(195, 190, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 190, 155) }
```

Border

The CSS property to change the border of an element to Yxy 50.7956, 0.3444, 0.3736 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(195, 190, 155) }
```

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

```
.border{ border-color:rgb(195, 190, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 190, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 190, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 190, 155);  
box-shadow:4px 4px 4px 4px rgb(195, 190,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7956, 0.3444, 0.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 190, 155) }
```

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

```
.background{ background-color: rgb(195,  
190, 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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