

Converting Colors

Yxy(54.2121, 0.3377, 0.3637)

Have a look what the booklet for
Yxy(54.2121, 0.3377, 0.3637)
contains.

Yxy(54.0996, 0.3382, 0.3637)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.0996, 0.3382, 0.3637)

Conversions

Conversions Part 1

Format	Color
Hex	C8C3A7
RGB	200, 195, 167
RGB Percent	78%, 76%, 65%
CMY	0.2157, 0.2353, 0.3452
CMYK	0.00, 0.02, 0.17, 0.22
HSL	51°, 23%, 72%
HSV	51°, 17%, 78%
XYZ	50.3065, 54.0996, 44.3417
YIQ	193.3030, 11.9680, -7.6480

Conversions

Conversions Part 2

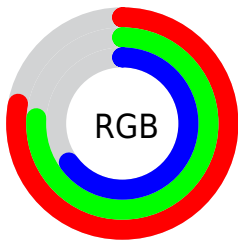
Format	Color
RYB	173, 200, 167
Decimal	13157287
CIELab	78.52, -2.96, 14.72
CIELCh	79, 15.015, 101.379
Yxy	54.0996, 0.3382, 0.3637
Android (android.graphics.Color)	4291347367 (0xFFC8C3A7)
YUV	193.3030, -12.9674, 5.8733
Hunter-Lab	73.5524, -6.6308, 15.7432

Details

The Yxy color **54.0996, 0.3382, 0.3637** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.8760, 0.2864, 0.2917**, and the grayscale version is **53.5884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1547, 0.3325, 0.3583**, and **26.3985, 0.3452, 0.3723** is the 20% darker color. If you saturate the color by 10%, you get **52.0794, 0.3547, 0.3854**, and if you desaturate by 10%, it is **56.2664, 0.3224, 0.3424**.

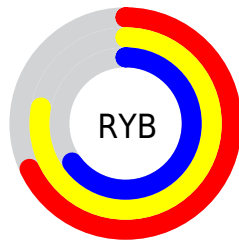
Distribution



Red (78%)

Green (76%)

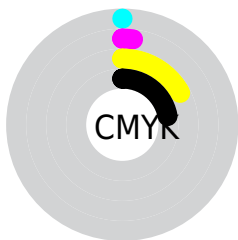
Blue (65%)



Red (68%)

Yellow (78%)

Blue (65%)

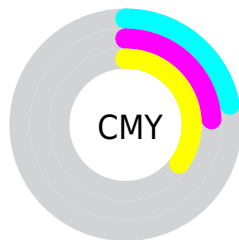


Cyan (0%)

Magenta (2%)

Yellow (17%)

Black (22%)



Cyan (22%)


Magenta (24%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0996, 0.3382, 0.3637 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 54.0996, 0.3382, 0.3637 by changing the saturation by 10% instead.


 54.0996, 0.3382,
0.3637


 54.0996, 0.3382,
0.3637


402.4897, 0.3258,
0.3467

 38.6813, 0.3412,
0.3678


 96.2205, 0.3338,
0.3576

 26.5119, 0.3449,
0.3731


 123.6918, 0.3321,
0.3553

 17.2070, 0.3497,
0.3800


155.9497, 0.3307,
0.3533

 10.3822, 0.3563,
0.3894

193.3784, 0.3295,
0.3516

 5.6531, 0.3655,
0.4029

236.3623, 0.3284,
0.3501

 2.6353, 0.3793,
0.4239

285.2859, 0.3274,

 0.9444, 0.4660,

0.3488

0.5340

340.5336, 0.3266,
0.3477

0.0000, 0.0000,
0.0000

54.0996, 0.3382,
0.3637

54.0996, 0.3382,
0.3637

52.0794, 0.3547,
0.3854

56.2664, 0.3224,
0.3424

50.1931, 0.3715,
0.4068

58.5776, 0.3077,
0.3220

48.4373, 0.3882,
0.4272

61.0403, 0.2940,
0.3027

46.8058, 0.4041,
0.4455

63.6592, 0.2815,
0.2848

45.2914, 0.4184,
0.4607

65.6426, 0.2770,
0.2800

■ 43.8865, 0.4306,
0.4721

■ 67.1484, 0.2772,
0.2834

■ 42.5819, 0.4401,
0.4790

■ 68.6824, 0.2775,
0.2868

■ 41.3658, 0.4468,
0.4815

■ 70.2449, 0.2777,
0.2901

■ 40.9538, 0.4489,
0.4818

■ 71.8360, 0.2780,
0.2935

Harmonies

Analogous

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



54.0996, 0.3501, 0.3556



54.0996, 0.3382, 0.3637



54.0996, 0.3197, 0.3622

Triad

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



54.0996, 0.3382, 0.3637



54.0996, 0.2753, 0.3151



54.0996, 0.3250, 0.3085

Complementary

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



54.0996, 0.3382, 0.3637



41.8760, 0.2864, 0.2917

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.



54.0996, 0.3048, 0.2983



54.0996, 0.3382, 0.3637



54.0996, 0.2765, 0.3015

Square

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



54.0996, 0.3382, 0.3637



54.0996, 0.2837, 0.3333



54.0996, 0.2872, 0.2956



54.0996, 0.3424, 0.3239

Rectangle

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



54.0996, 0.3382, 0.3637



54.0996, 0.3062, 0.3556



54.0996, 0.2872, 0.2956



54.0996, 0.3183, 0.3044

Sweetspot

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



54.1020, 0.3382, 0.3637



97.9840, 0.3203, 0.3394



42.9072, 0.3388, 0.3221



20.9131, 0.3213, 0.3409



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.



54.1020, 0.3382, 0.3637



92.3257, 0.3444, 0.3719



54.9116, 0.3282, 0.3707



12.1336, 0.3269, 0.3485



26.1471, 0.4484, 0.4822



1.3141, 0.4414, 0.4877

Inverse Universe

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



41.8760, 0.2864, 0.2917



66.9937, 0.2797, 0.2821



41.2649, 0.2954, 0.2861



10.5416, 0.2983, 0.3088



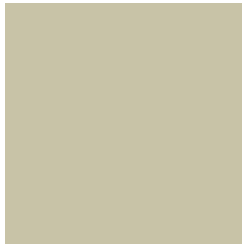
3.3313, 0.1538, 0.0735



0.2425, 0.1628, 0.1060

Previews

White Background



This preview shows how the Yxy color 54.0996, 0.3382, 0.3637 looks on a white background.

Color Contrast Check

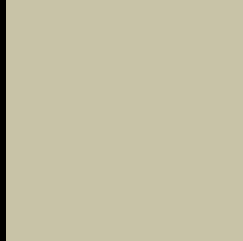
Large Text (above 18pt) WCAG AA × Fail

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 54.0996, 0.3382, 0.3637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

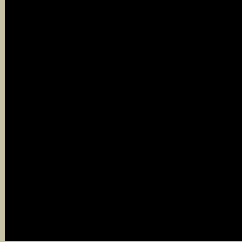
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

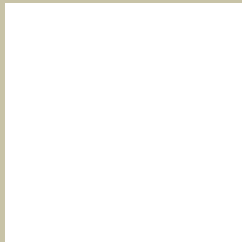
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0996, 0.3382, 0.3637

Background



This preview shows how black text looks on a background with the Yxy color 54.0996, 0.3382, 0.3637.



This preview shows how white text looks on a background with the Yxy color 54.0996, 0.3382, 0.3637.

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

54.0996, 0.3382, 0.3637

Protanopia

54.1741, 0.3426, 0.3634

Deuteranopia

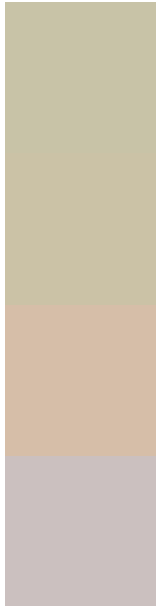
53.9348, 0.3574, 0.3501



Tritanopia

54.2138, 0.3135, 0.3113

Trichromacy



Original Color

54.0996, 0.3382, 0.3637

Protanomaly

54.0333, 0.3417, 0.3635

Deuteranomaly

53.9502, 0.3505, 0.3554

Tritanomaly

54.1574, 0.3225, 0.3302

Monochromacy



Original Color

54.0996, 0.3382, 0.3637

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.7800, 0.3219, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0996, 0.3382, 0.3637 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(200, 195, 167)` looks like.

```
.text, #text, p{  
    color:rgb(200, 195, 167)  
}
```

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(200, 195, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 195, 167) }
```

Border

The CSS property to change the border of an element to Yxy 54.0996, 0.3382, 0.3637 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(200, 195, 167) }
```

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

```
.border{ border-color:rgb(200, 195, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 195, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 195, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 195, 167);  
box-shadow:4px 4px 4px 4px rgb(200, 195,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0996, 0.3382, 0.3637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 195, 167) }
```

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

```
.background{ background-color: rgb(200,  
195, 167) }
```

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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