

Converting Colors

$Y_{xy}(44.2155, 0.3965, 0.4276)$

Have a look what the booklet for
Yxy(44.2155, 0.3965, 0.4276)
contains.

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Color

Yxy(44.2155, 0.3965, 0.4276)

Conversions

Conversions Part 1

Format	Color
Hex	C5B163
RGB	197, 177, 99
RGB Percent	77%, 69%, 39%
CMY	0.2275, 0.3059, 0.6116
CMYK	0.00, 0.10, 0.50, 0.23
HSL	48°, 46%, 58%
HSV	48°, 50%, 77%
XYZ	40.9996, 44.2155, 18.1887
YIQ	174.0880, 36.9580, -20.0180

Conversions

Conversions Part 2

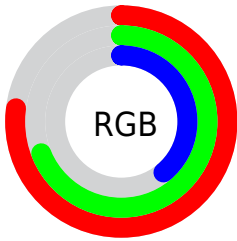
Format	Color
RYB	124, 197, 99
Decimal	12956003
CIELab	72.37, -3.13, 42.22
CIELCh	72, 42.333, 94.233
Yxy	44.2155, 0.3965, 0.4276
Android (android.graphics.Color)	4291146083 (0xFFC5B163)
YUV	174.0880, -37.0184, 20.0938
Hunter-Lab	66.4947, -6.3054, 30.3283

Details

The Yxy color **44.2155, 0.3965, 0.4276** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **19.8858, 0.2245, 0.2046**, and the grayscale version is **42.5571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2076, 0.3825, 0.4104**, and **20.5517, 0.4166, 0.4537** is the 20% darker color. If you saturate the color by 10%, you get **42.3210, 0.4135, 0.4442**, and if you desaturate by 10%, it is **46.2528, 0.3788, 0.4087**.

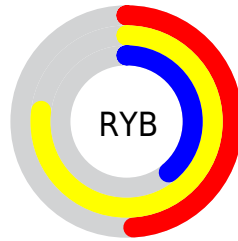
Distribution



Red (77%)

Green (69%)

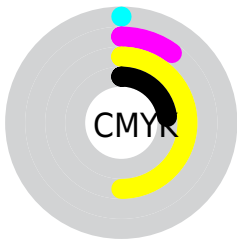
Blue (39%)



Red (49%)

Yellow (77%)

Blue (39%)

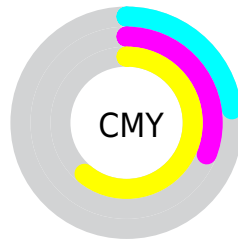


Cyan (0%)

Magenta (10%)

Yellow (50%)

Black (23%)



Cyan (23%)


Magenta (31%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2155, 0.3965, 0.4276 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 44.2155, 0.3965, 0.4276 by changing the saturation by 10% instead.

 44.2155, 0.3965,
0.4276


 44.2155, 0.3965,
0.4276

363.5869, 0.3559,
0.3791


 30.8400, 0.4057,
0.4389


 81.5419, 0.3823,
0.4104

 20.4770, 0.4168,
0.4528


 106.2616, 0.3768,
0.4038

 12.7423, 0.4301,
0.4698


 135.5314, 0.3721,
0.3982

 7.2513, 0.4454,
0.4903

 169.7358, 0.3680,
0.3933

 3.6198, 0.4730,
0.5270

209.2592, 0.3644,
0.3890

 1.4632, 0.4679,
0.5321

254.4859, 0.3612,

 0.2626, 0.3976,

0.3853

0.6024

305.8004, 0.3584,
0.3820

0.0000, 0.0000,
0.0000

44.2155, 0.3965,
0.4276

44.2155, 0.3965,
0.4276

42.3210, 0.4135,
0.4442

46.2528, 0.3788,
0.4087

40.5560, 0.4289,
0.4576

48.4331, 0.3611,
0.3886

38.9142, 0.4422,
0.4669


50.7646, 0.3439,
0.3681


37.3863, 0.4527,
0.4716


53.2528, 0.3275,
0.3479


35.9547, 0.4606,
0.4723

55.9029, 0.3123,
0.3285

 35.9155, 0.4608,
0.4723

 58.7198, 0.2983,
0.3101

 61.7081, 0.2856,
0.2929

 64.7665, 0.2750,
0.2787

 66.7654, 0.2753,
0.2832

Harmonies

Analogous

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



44.2155, 0.4287, 0.3916



44.2155, 0.3965, 0.4276



44.2155, 0.3434, 0.4384

Triad

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



44.2155, 0.3965, 0.4276



44.2155, 0.2097, 0.2945



44.2155, 0.3331, 0.2633

Complementary

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



44.2155, 0.3965, 0.4276



19.8858, 0.2245, 0.2046

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.



44.2155, 0.2737, 0.2401



44.2155, 0.3965, 0.4276



44.2155, 0.2076, 0.2534

Square

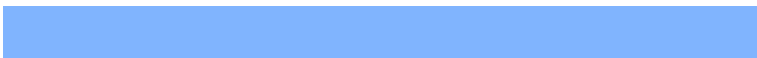
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.2155, 0.3965, 0.4276



44.2155, 0.2365, 0.3539



44.2155, 0.2296, 0.2357



44.2155, 0.3917, 0.3007

Rectangle

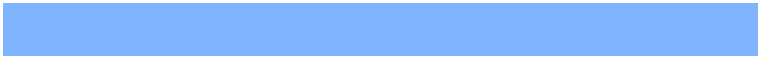
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.2155, 0.3965, 0.4276



44.2155, 0.3039, 0.4245



44.2155, 0.2296, 0.2357



44.2155, 0.3124, 0.2537

Sweetspot

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



44.2176, 0.3965, 0.4276



92.8987, 0.3364, 0.3590



22.1635, 0.4200, 0.3013



19.6820, 0.3399, 0.3633



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.



44.2176, 0.3965, 0.4276



75.4163, 0.4154, 0.4460



49.2901, 0.3603, 0.4597



12.0353, 0.3270, 0.3473



23.7480, 0.4602, 0.4728



1.2201, 0.4501, 0.4808

Inverse Universe

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



19.8858, 0.2245, 0.2046



26.8782, 0.2036, 0.1713



17.4593, 0.2431, 0.1825



10.6322, 0.2983, 0.3101



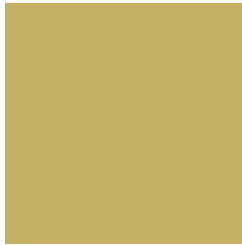
3.7556, 0.1560, 0.0816



0.2837, 0.1668, 0.1204

Previews

White Background



This preview shows how the Yxy color 44.2155, 0.3965, 0.4276 looks on a white background.

Color Contrast Check

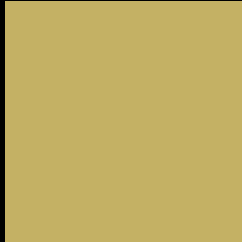
Large Text (above 18pt) WCAG AA × Fail

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 44.2155, 0.3965, 0.4276 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 44.2155, 0.3965, 0.4276

Background



This preview shows how black text looks on a background with the Yxy color 44.2155, 0.3965, 0.4276.



This preview shows how white text looks on a background with the Yxy color 44.2155, 0.3965, 0.4276.

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

44.2155, 0.3965, 0.4276

Protanopia

44.3437, 0.3940, 0.4295

Deuteranopia

43.9144, 0.4185, 0.4097



Tritanopia

44.3206, 0.3356, 0.3130

Trichromacy



Original Color

44.2155, 0.3965, 0.4276

Protanomaly

44.4774, 0.3950, 0.4291

Deuteranomaly

43.9805, 0.4105, 0.4165

Tritanomaly

43.9167, 0.3594, 0.3546

Monochromacy



Original Color

44.2155, 0.3965, 0.4276

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.7116, 0.3428, 0.3671

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2155, 0.3965, 0.4276 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(197, 177, 99)` looks like.

```
.text, #text, p{  
    color:rgb(197, 177, 99)  
}
```

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(197, 177, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 177, 99) }
```

Border

The CSS property to change the border of an element to Yxy 44.2155, 0.3965, 0.4276 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(197, 177, 99) }
```

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

```
.border{ border-color:rgb(197, 177, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 177, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 177, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 177, 99);  
box-shadow:4px 4px 4px 4px rgb(197, 177,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2155, 0.3965, 0.4276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 177, 99) }
```

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

```
.background{ background-color: rgb(197,  
177, 99) }
```

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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