

Converting Colors

$Yxy(43.6956, 0.4109, 0.4393)$

Have a look what the booklet for
Yxy(43.6956, 0.4109, 0.4393)
contains.

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Color

Yxy(43.5952, 0.4110, 0.4393)

Conversions

Conversions Part 1

Format	Color
Hex	C8AF55
RGB	200, 175, 85
RGB Percent	78%, 69%, 33%
CMY	0.2157, 0.3137, 0.6667
CMYK	0.00, 0.12, 0.58, 0.22
HSL	47°, 51%, 56%
HSV	47°, 58%, 78%
XYZ	40.7868, 43.5952, 14.8559
YIQ	172.2150, 43.7900, -22.6900

Conversions

Conversions Part 2

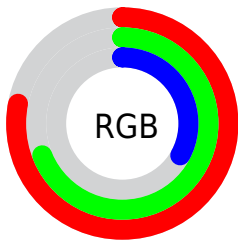
Format	Color
RYB	117, 200, 85
Decimal	13152085
CIELab	71.96, -1.99, 48.69
CIElCh	72, 48.729, 92.341
Yxy	43.5952, 0.4110, 0.4393
Android (android.graphics.Color)	4291342165 (0xFFC8AF55)
YUV	172.2150, -42.9970, 24.3674
Hunter-Lab	66.0267, -5.2815, 32.8785

Details

The Yxy color **43.5952, 0.4110, 0.4393** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **17.2451, 0.2102, 0.1836**, and the grayscale version is **41.5749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6598, 0.3921, 0.4218**, and **20.1211, 0.4325, 0.4654** is the 20% darker color. If you saturate the color by 10%, you get **41.6590, 0.4273, 0.4533**, and if you desaturate by 10%, it is **45.6797, 0.3934, 0.4223**.

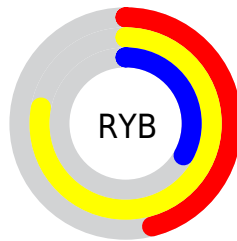
Distribution



Red (78%)

Green (69%)

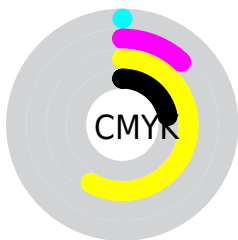
Blue (33%)



Red (46%)

Yellow (78%)

Blue (33%)

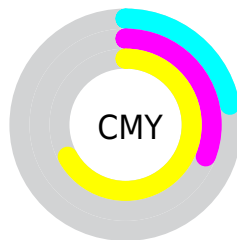


Cyan (0%)

Magenta (12%)

Yellow (58%)

Black (22%)



Cyan (22%)


Magenta (31%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5952, 0.4110, 0.4393 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 43.5952, 0.4110, 0.4393 by changing the saturation by 10% instead.


 43.5952, 0.4110,
0.4393


 43.5952, 0.4110,
0.4393


361.0538, 0.3639,
0.3859


 30.3524, 0.4213,
0.4512


 80.6083, 0.3948,
0.4207

 20.1062, 0.4334,
0.4654

 105.1473, 0.3884,
0.4135

 12.4723, 0.4473,
0.4820


 134.2206, 0.3829,
0.4072

 7.0662, 0.4647,
0.5033

 168.2125, 0.3781,
0.4018

 3.5035, 0.4781,
0.5219

 207.5073, 0.3739,
0.3971

 1.3999, 0.4748,
0.5252

252.4896, 0.3702,

 0.2167, 0.4207,

0.3929

0.5793

303.5436, 0.3669,
0.3892

0.0000, 0.0000,
0.0000

43.5952, 0.4110,
0.4393

43.5952, 0.4110,
0.4393

41.6590, 0.4273,
0.4533

45.6797, 0.3934,
0.4223

39.8567, 0.4416,
0.4634

47.9138, 0.3754,
0.4033

38.1806, 0.4532,
0.4689

50.3062, 0.3575,
0.3833

36.6175, 0.4620,
0.4698

52.8630, 0.3403,
0.3631

36.2395, 0.4640,
0.4698

55.5901, 0.3241,
0.3433

■ 58.4929, 0.3091,
0.3244

■ 61.5764, 0.2954,
0.3065

■ 64.8454, 0.2829,
0.2899

■ 67.6454, 0.2773,
0.2845

Harmonies

Analogous

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



43.5952, 0.4471, 0.3953



43.5952, 0.4110, 0.4393



43.5952, 0.3507, 0.4569

Triad

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



43.5952, 0.4110, 0.4393



43.5952, 0.1965, 0.2919



43.5952, 0.3312, 0.2522

Complementary

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



43.5952, 0.4110, 0.4393



17.2451, 0.2102, 0.1836

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.



43.5952, 0.2638, 0.2274



43.5952, 0.4110, 0.4393



43.5952, 0.1928, 0.2440

Square

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



43.5952, 0.4110, 0.4393



43.5952, 0.2279, 0.3621



43.5952, 0.2157, 0.2234



43.5952, 0.4002, 0.2931

Rectangle

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



43.5952, 0.4110, 0.4393



43.5952, 0.3056, 0.4436



43.5952, 0.2157, 0.2234



43.5952, 0.3074, 0.2418

Sweetspot

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



43.5973, 0.4110, 0.4393



91.6543, 0.3399, 0.3626



19.9387, 0.4444, 0.2956



19.4193, 0.3433, 0.3667



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.



43.5973, 0.4110, 0.4393



71.3377, 0.4311, 0.4562



50.4306, 0.3673, 0.4783



12.0109, 0.3270, 0.3470



23.1808, 0.4633, 0.4704



1.1976, 0.4524, 0.4790

Inverse Universe

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



17.2451, 0.2102, 0.1836



21.6700, 0.1887, 0.1477



14.3538, 0.2276, 0.1569



10.6548, 0.2983, 0.3104



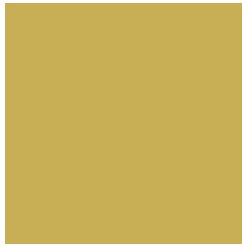
3.8803, 0.1567, 0.0839



0.2939, 0.1678, 0.1239

Previews

White Background



This preview shows how the Yxy color 43.5952, 0.4110, 0.4393 looks on a white background.

Color Contrast Check

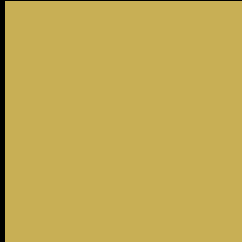
Large Text (above 18pt) WCAG AA × Fail

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 43.5952, 0.4110, 0.4393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

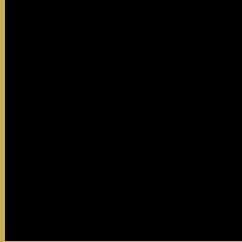
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5952, 0.4110, 0.4393

Background



This preview shows how black text looks on a background with the Yxy color 43.5952, 0.4110, 0.4393.

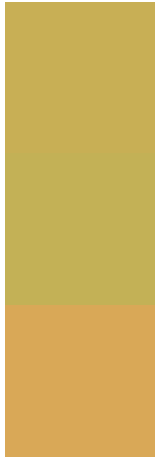


This preview shows how white text looks on a background with the Yxy color 43.5952, 0.4110, 0.4393.

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

43.5952, 0.4110, 0.4393

Protanopia

43.7183, 0.4041, 0.4426

Deuteranopia

43.4451, 0.4311, 0.4224



Tritanopia

43.5345, 0.3416, 0.3131

Trichromacy



Original Color

43.5952, 0.4110, 0.4393

Protanomaly

43.5929, 0.4067, 0.4407

Deuteranomaly

43.6466, 0.4238, 0.4291

Tritanomaly

43.3687, 0.3694, 0.3609

Monochromacy



Original Color

43.5952, 0.4110, 0.4393

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.7257, 0.3495, 0.3742

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5952, 0.4110, 0.4393 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, 175, 85)` looks like.

```
.text, #text, p{  
    color:rgb(200, 175, 85)  
}
```

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, 175, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 175, 85) }
```

Border

The CSS property to change the border of an element to Yxy 43.5952, 0.4110, 0.4393 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, 175, 85) }
```

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

```
.border{ border-color:rgb(200, 175, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 175, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 175, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 175, 85);  
box-shadow:4px 4px 4px 4px rgb(200, 175,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5952, 0.4110, 0.4393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 175, 85) }
```

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

```
.background{ background-color: rgb(200,  
175, 85) }
```

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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