

Converting Colors

$Yxy(42.9413, 0.4094, 0.4445)$

Have a look what the booklet for
Yxy(42.9413, 0.4094, 0.4445)
contains.

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Color

Yxy(43.0049, 0.4092, 0.4442)

Conversions

Conversions Part 1

Format	Color
Hex	C4AF52
RGB	196, 175, 82
RGB Percent	77%, 69%, 32%
CMY	0.2314, 0.3137, 0.6785
CMYK	0.00, 0.11, 0.58, 0.23
HSL	49°, 49%, 55%
HSV	49°, 58%, 77%
XYZ	39.6164, 43.0049, 14.1930
YIQ	170.6770, 42.3690, -24.4710

Conversions

Conversions Part 2

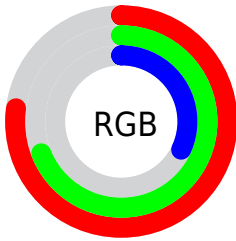
Format	Color
RYB	108, 196, 82
Decimal	12889938
CIELab	71.56, -3.91, 49.56
CIELCh	72, 49.710, 94.516
Yxy	43.0049, 0.4092, 0.4442
Android (android.graphics.Color)	4291080018 (0xFFC4AF52)
YUV	170.6770, -43.7178, 22.2083
Hunter-Lab	65.5781, -6.9281, 33.0726

Details

The Yxy color **43.0049, 0.4092, 0.4442** 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 **15.4744, 0.2078, 0.1758**, and the grayscale version is **40.7619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5749, 0.3939, 0.4245**, and **19.8351, 0.4310, 0.4715** is the 20% darker color. If you saturate the color by 10%, you get **41.3641, 0.4243, 0.4584**, and if you desaturate by 10%, it is **44.7724, 0.3926, 0.4268**.

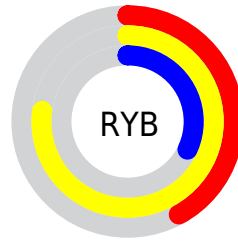
Distribution



Red (77%)

Green (69%)

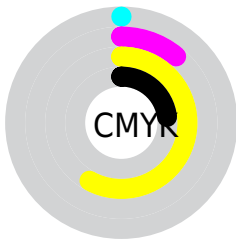
Blue (32%)



Red (42%)

Yellow (77%)

Blue (32%)

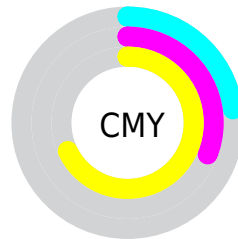


Cyan (0%)

Magenta (11%)

Yellow (58%)

Black (23%)



Cyan (23%)


Magenta (31%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0049, 0.4092, 0.4442 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 43.0049, 0.4092, 0.4442 by changing the saturation by 10% instead.

 43.0049, 0.4092,
0.4442


 43.0049, 0.4092,
0.4442


358.6319, 0.3632,
0.3880


 29.8890, 0.4191,
0.4568


 79.7183, 0.3935,
0.4246

 19.7543, 0.4307,
0.4719


 104.0845, 0.3872,
0.4170


 12.2166, 0.4436,
0.4895


 132.9695, 0.3818,
0.4104

 6.8914, 0.4609,
0.5138

 166.7579, 0.3771,
0.4047

 3.3942, 0.4690,
0.5310

 205.8339, 0.3730,
0.3998

 1.3409, 0.4622,
0.5378

250.5820, 0.3693,

 0.1725, 0.2840,

0.3954

0.7160

301.3865, 0.3661,
0.3915

0.0000, 0.0000,
0.0000

43.0049, 0.4092,
0.4442

43.0049, 0.4092,
0.4442

41.3641, 0.4243,
0.4584

44.7724, 0.3926,
0.4268

39.8363, 0.4372,
0.4687

46.6676, 0.3754,
0.4074

38.4144, 0.4474,
0.4744

48.6985, 0.3580,
0.3867

37.0846, 0.4549,
0.4759

50.8711, 0.3411,
0.3658

36.8470, 0.4562,
0.4760

53.1905, 0.3250,
0.3452

■ 55.6618, 0.3101,
0.3255

■ 58.2897, 0.2962,
0.3068

■ 61.0786, 0.2837,
0.2894

■ 63.8129, 0.2742,
0.2767

Harmonies

Analogous

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



43.0049, 0.4487, 0.4001



43.0049, 0.4092, 0.4442



43.0049, 0.3464, 0.4599

Triad

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



43.0049, 0.4092, 0.4442



43.0049, 0.1928, 0.2863



43.0049, 0.3369, 0.2531

Complementary

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



43.0049, 0.4092, 0.4442



15.4744, 0.2078, 0.1758

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.



43.0049, 0.2671, 0.2264



43.0049, 0.4092, 0.4442



43.0049, 0.1911, 0.2395

Square

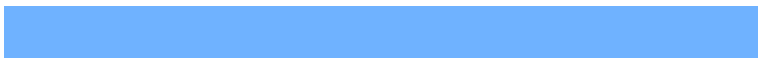
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.0049, 0.4092, 0.4442



43.0049, 0.2226, 0.3573



43.0049, 0.2163, 0.2207



43.0049, 0.4069, 0.2956

Rectangle

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



43.0049, 0.4092, 0.4442



43.0049, 0.3002, 0.4440



43.0049, 0.2163, 0.2207



43.0049, 0.3124, 0.2421

Sweetspot

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



43.0069, 0.4092, 0.4442



92.5296, 0.3396, 0.3639



18.7837, 0.4528, 0.3003



19.6276, 0.3430, 0.3682



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.



43.0069, 0.4092, 0.4442



74.1065, 0.4283, 0.4619



47.7457, 0.3643, 0.4815



11.4328, 0.3269, 0.3477



23.7941, 0.4556, 0.4764



1.1119, 0.4462, 0.4839

Inverse Universe

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



15.4744, 0.2078, 0.1758



19.7910, 0.1853, 0.1380



13.7445, 0.2303, 0.1566



10.0413, 0.2983, 0.3096



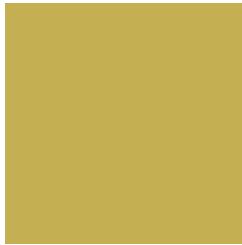
3.4679, 0.1551, 0.0785



0.2431, 0.1661, 0.1177

Previews

White Background



This preview shows how the Yxy color 43.0049, 0.4092, 0.4442 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 43.0049, 0.4092, 0.4442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

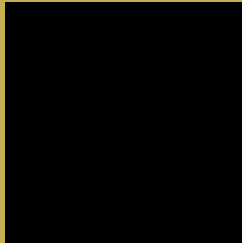
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0049, 0.4092, 0.4442

Background



This preview shows how black text looks on a background with the Yxy color 43.0049, 0.4092, 0.4442.



This preview shows how white text looks on a background with the Yxy color 43.0049, 0.4092, 0.4442.

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

43.0049, 0.4092, 0.4442

Protanopia

43.1292, 0.4065, 0.4462

Deuteranopia

42.8765, 0.4332, 0.4246



Tritanopia

43.0637, 0.3397, 0.3141

Trichromacy



Original Color

43.0049, 0.4092, 0.4442

Protanomaly

43.2620, 0.4075, 0.4457

Deuteranomaly

42.9293, 0.4248, 0.4319

Tritanomaly

42.8855, 0.3684, 0.3638

Monochromacy



Original Color

43.0049, 0.4092, 0.4442

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.0724, 0.3487, 0.3746

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0049, 0.4092, 0.4442 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(196, 175, 82)` looks like.

```
.text, #text, p{  
    color:rgb(196, 175, 82)  
}
```

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(196, 175, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 175, 82) }
```

Border

The CSS property to change the border of an element to Yxy 43.0049, 0.4092, 0.4442 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(196, 175, 82) }
```

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

```
.border{ border-color:rgb(196, 175, 82) }
```

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

Here you see how a box with a 4 pixel rgb(196, 175, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 175, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 175, 82);  
box-shadow:4px 4px 4px 4px rgb(196, 175,  
82) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 43.0049, 0.4092, 0.4442$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 175, 82) }
```

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

```
.background{ background-color: rgb(196,  
175, 82) }
```

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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