

Converting Colors

$Yxy(43.2436, 0.4082, 0.4467)$

Have a look what the booklet for
Yxy(43.2436, 0.4082, 0.4467)
contains.

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Color

Yxy(43.2469, 0.4082, 0.4467)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C3B051 |
| RGB | 195, 176, 81 |
| RGB Percent | 76%, 69%, 32% |
| CMY | 0.2352, 0.3098, 0.6824 |
| CMYK | 0.00, 0.10, 0.58, 0.24 |
| HSL | 50°, 49%, 54% |
| HSV | 50°, 58%, 76% |
| XYZ | 39.5196, 43.2469, 14.0477 |
| YIQ | 170.8510, 41.8190, -25.5170 |

Conversions

Conversions Part 2

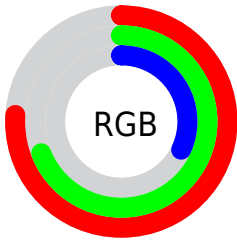
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 104, 195, 81 |
| Decimal | 12824657 |
| CIELab | 71.72, -4.92, 50.19 |
| CIELCh | 72, 50.426, 95.605 |
| Yxy | 43.2469, 0.4082, 0.4467 |
| Android (android.graphics.Color) | 4291014737 (0xFFC3B051) |
| YUV | 170.8510, -44.2965, 21.1787 |
| Hunter-Lab | 65.7624, -7.8155, 33.3685 |

Details

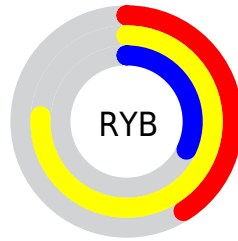
The Yxy color **43.2469, 0.4082, 0.4467** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **14.8071, 0.2066, 0.1718**, and the grayscale version is **40.8586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9161, 0.3933, 0.4266**, and **19.9881, 0.4295, 0.4753** is the 20% darker color. If you saturate the color by 10%, you get **41.7368, 0.4227, 0.4611**, and if you desaturate by 10%, it is **44.8757, 0.3922, 0.4292**.

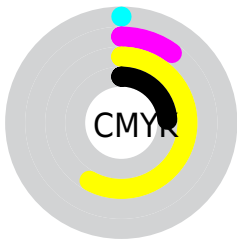
Distribution



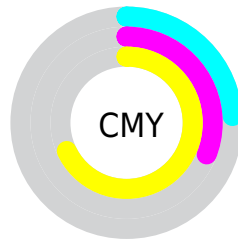
- Red (76%)
- Green (69%)
- Blue (32%)



- Red (41%)
- Yellow (76%)
- Blue (32%)



- Cyan (0%)
- Magenta (10%)
- Yellow (58%)
- Black (24%)





- Cyan (24%)
- Magenta (31%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2469, 0.4082, 0.4467 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 43.2469, 0.4082, 0.4467 by changing the saturation by 10% instead.


 43.2469, 0.4082,
0.4467


 43.2469, 0.4082,
0.4467


359.6262, 0.3629,
0.3893


 30.0789, 0.4179,
0.4596


 80.0833, 0.3928,
0.4267

 19.8985, 0.4291,
0.4751


 104.5205, 0.3866,
0.4189

 12.3213, 0.4414,
0.4931


 133.4829, 0.3813,
0.4121

 6.9629, 0.4582,
0.5184

 167.3548, 0.3767,
0.4063

 3.4389, 0.4643,
0.5357

 206.5207, 0.3726,
0.4012

 1.3649, 0.4558,
0.5442

251.3650, 0.3690,

 0.1907, 0.2424,

0.3968

0.7576

302.2720, 0.3658,
0.3928

0.0000, 0.0000,
0.0000

43.2469, 0.4082,
0.4467

43.2469, 0.4082,
0.4467

41.7368, 0.4227,
0.4611

44.8757, 0.3922,
0.4292

40.3316, 0.4349,
0.4714

46.6237, 0.3753,
0.4094

39.0244, 0.4444,
0.4773

48.4991, 0.3582,
0.3885

37.8012, 0.4513,
0.4789

50.5076, 0.3415,
0.3672

37.6180, 0.4523,
0.4791

52.6543, 0.3255,
0.3462

■ 54.9441, 0.3105,
0.3260

■ 57.3815, 0.2966,
0.3069

■ 59.9709, 0.2840,
0.2890

■ 62.6188, 0.2734,
0.2741

Harmonies

Analogous

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



43.2469, 0.4494, 0.4026



43.2469, 0.4082, 0.4467



43.2469, 0.3441, 0.4614

Triad

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



43.2469, 0.4082, 0.4467



43.2469, 0.1910, 0.2835



43.2469, 0.3399, 0.2536

Complementary

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



43.2469, 0.4082, 0.4467



14.8071, 0.2066, 0.1718

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.



43.2469, 0.2688, 0.2260



43.2469, 0.4082, 0.4467



43.2469, 0.1903, 0.2373

Square

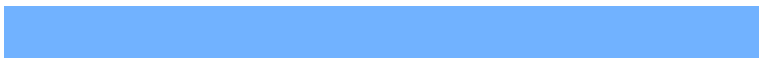
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.2469, 0.4082, 0.4467



43.2469, 0.2200, 0.3548



43.2469, 0.2167, 0.2193



43.2469, 0.4102, 0.2970

Rectangle

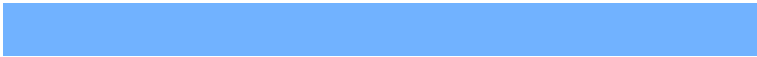
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.2469, 0.4082, 0.4467



43.2469, 0.2975, 0.4440



43.2469, 0.2167, 0.2193



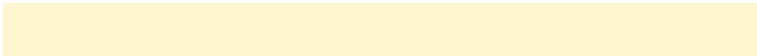
43.2469, 0.3150, 0.2423

Sweetspot

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



43.2489, 0.4082, 0.4467



90.5115, 0.3412, 0.3668



18.4460, 0.4570, 0.3027



19.5816, 0.3460, 0.3731



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.



43.2489, 0.4082, 0.4467



74.0594, 0.4261, 0.4642



46.9941, 0.3627, 0.4831



11.4631, 0.3269, 0.3480



24.5506, 0.4518, 0.4795



1.1384, 0.4434, 0.4861

Inverse Universe

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



14.8071, 0.2066, 0.1718



18.7286, 0.1845, 0.1346



13.6142, 0.2316, 0.1565



10.0134, 0.2983, 0.3092



3.3354, 0.1544, 0.0759



0.2307, 0.1647, 0.1129

Previews

White Background



This preview shows how the Yxy color 43.2469, 0.4082, 0.4467 looks on a white background.

Color Contrast Check

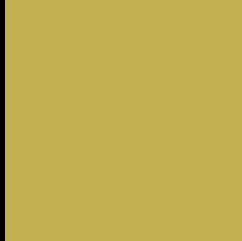
Large Text (above 18pt) WCAG AA × Fail

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 43.2469, 0.4082, 0.4467 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 43.2469, 0.4082, 0.4467

Background



This preview shows how black text looks on a background with the Yxy color 43.2469, 0.4082, 0.4467.



This preview shows how white text looks on a background with the Yxy color 43.2469, 0.4082, 0.4467.

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

43.2469, 0.4082, 0.4467

Protanopia

43.2469, 0.4082, 0.4467

Deuteranopia

43.0137, 0.4348, 0.4251



Tritanopia

43.3242, 0.3377, 0.3141

Trichromacy



Original Color

43.2469, 0.4082, 0.4467

Protanomaly

43.2469, 0.4082, 0.4467

Deuteranomaly

42.9140, 0.4255, 0.4328

Tritanomaly

43.1501, 0.3661, 0.3638

Monochromacy



Original Color

43.2469, 0.4082, 0.4467

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.4254, 0.3493, 0.3773

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2469, 0.4082, 0.4467 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, 176, 81)` looks like.

```
.text, #text, p{  
    color:rgb(195, 176, 81)  
}
```

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, 176, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 176, 81) }
```

Border

The CSS property to change the border of an element to Yxy 43.2469, 0.4082, 0.4467 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, 176, 81) }
```

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

```
.border{ border-color:rgb(195, 176, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 176, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 176, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 176, 81);  
box-shadow:4px 4px 4px 4px rgb(195, 176,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2469, 0.4082, 0.4467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 176, 81) }
```

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

```
.background{ background-color: rgb(195,  
176, 81) }
```

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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