

Converting Colors

$Y_{xy}(43.0483, 0.4537, 0.4426)$

Have a look what the booklet for
Yxy(43.0483, 0.4537, 0.4426)
contains.

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Color

Yxy(43.1688, 0.4528, 0.4430)

Conversions

Conversions Part 1

Format	Color
Hex	DCA73B
RGB	220, 167, 59
RGB Percent	86%, 65%, 23%
CMY	0.1373, 0.3451, 0.7683
CMYK	0.00, 0.24, 0.73, 0.14
HSL	40°, 70%, 55%
HSV	40°, 73%, 86%
XYZ	44.1238, 43.1688, 10.1539
YIQ	170.5350, 66.2560, -22.3520

Conversions

Conversions Part 2

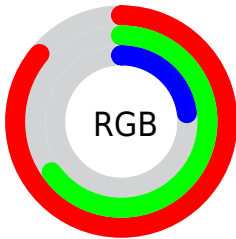
Format	Color
RYB	138, 220, 59
Decimal	14460731
CIELab	71.67, 9.27, 60.46
CIELCh	72, 61.164, 81.286
Yxy	43.1688, 0.4528, 0.4430
Android (android.graphics.Color)	4292650811 (0xFFDCA73B)
YUV	170.5350, -54.9868, 43.3808
Hunter-Lab	65.7030, 4.8941, 36.8292

Details

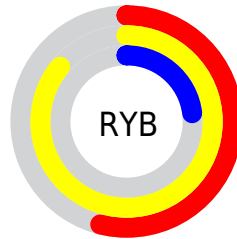
The Yxy color **43.1688, 0.4528, 0.4430** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **17.7011, 0.1896, 0.1635**, and the grayscale version is **40.7398, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6948, 0.4105, 0.4359**, and **19.8385, 0.4799, 0.4571** is the 20% darker color. If you saturate the color by 10%, you get **40.4079, 0.4703, 0.4484**, and if you desaturate by 10%, it is **46.1788, 0.4331, 0.4330**.

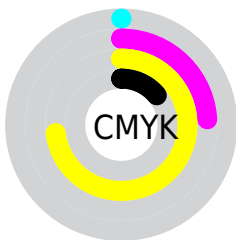
Distribution



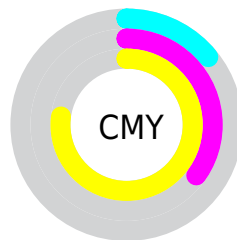
- Red (86%)
- Green (65%)
- Blue (23%)



- Red (54%)
- Yellow (86%)
- Blue (23%)



- Cyan (0%)
- Magenta (24%)
- Yellow (73%)
- Black (14%)




- Cyan (14%)
- Magenta (35%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1688, 0.4528, 0.4430 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 43.1688, 0.4528, 0.4430 by changing the saturation by 10% instead.


 43.1688, 0.4528,
0.4430


 43.1688, 0.4528,
0.4430


359.3055, 0.3867,
0.3924


 30.0176, 0.4665,
0.4522


 79.9655, 0.4306,
0.4269

 19.8519, 0.4820,
0.4617


 104.3798, 0.4216,
0.4201


 12.2875, 0.4991,
0.4705


 133.3173, 0.4138,
0.4141

 6.9398, 0.5204,
0.4796

 167.1622, 0.4070,
0.4088

 3.4245, 0.5289,
0.4711

 206.2992, 0.4010,
0.4040

 1.3571, 0.5433,
0.4567

251.1124, 0.3957,

 0.1848, 0.6850,

0.3997

0.3150

301.9864, 0.3909,
0.3959

0.0000, 0.0000,
0.0000

43.1688, 0.4528,
0.4430

43.1688, 0.4528,
0.4430

40.4079, 0.4703,
0.4484

46.1788, 0.4331,
0.4330

37.8744, 0.4848,
0.4488

49.4446, 0.4122,
0.4195

36.2550, 0.4932,
0.4466

52.9799, 0.3912,
0.4035

56.7955, 0.3708,
0.3863

60.9009, 0.3515,
0.3685

■ 65.3053, 0.3337,
0.3510

■ 70.0173, 0.3175,
0.3341

■ 75.0450, 0.3029,
0.3182

■ 80.2622, 0.2910,
0.3054

Harmonies

Analogous

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



43.1688, 0.4848, 0.3819



43.1688, 0.4528, 0.4430



43.1688, 0.3855, 0.4864

Triad

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



43.1688, 0.4528, 0.4430



43.1688, 0.1805, 0.3101



43.1688, 0.3017, 0.2222

Complementary

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



43.1688, 0.4528, 0.4430



17.7011, 0.1896, 0.1635

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.



43.1688, 0.2269, 0.2012



43.1688, 0.4528, 0.4430



43.1688, 0.1655, 0.2398

Square

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



43.1688, 0.4528, 0.4430



43.1688, 0.2286, 0.4058



43.1688, 0.1812, 0.2053



43.1688, 0.3919, 0.2642

Rectangle

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



43.1688, 0.4528, 0.4430



43.1688, 0.3313, 0.4892



43.1688, 0.1812, 0.2053



43.1688, 0.2740, 0.2126

Sweetspot

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



43.1709, 0.4528, 0.4430



85.6738, 0.3497, 0.3668



19.5361, 0.4789, 0.2748



17.9909, 0.3548, 0.3717



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.



43.1709, 0.4528, 0.4430



54.4487, 0.4788, 0.4493



62.8607, 0.3873, 0.5028



14.5036, 0.3275, 0.3446



21.4904, 0.4917, 0.4477



1.5473, 0.4770, 0.4594

Inverse Universe

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



17.7011, 0.1896, 0.1635



17.5050, 0.1712, 0.1270



10.2758, 0.1882, 0.1056



13.3141, 0.2981, 0.3129



5.9686, 0.1633, 0.1077



0.5414, 0.1724, 0.1406

Previews

White Background



This preview shows how the Yxy color 43.1688, 0.4528, 0.4430 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 43.1688, 0.4528, 0.4430 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 43.1688, 0.4528, 0.4430

Background



This preview shows how black text looks on a background with the Yxy color 43.1688, 0.4528, 0.4430.



This preview shows how white text looks on a background with the Yxy color 43.1688, 0.4528, 0.4430.

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

43.1688, 0.4528, 0.4430

Protanopia

43.2688, 0.4215, 0.4627

Deuteranopia

43.1688, 0.4528, 0.4430



Tritanopia

42.9350, 0.3717, 0.3152

Trichromacy



Original Color

43.1688, 0.4528, 0.4430

Protanomaly

43.2032, 0.4323, 0.4559

Deuteranomaly

43.1688, 0.4528, 0.4430

Tritanomaly

42.5474, 0.4073, 0.3671

Monochromacy



Original Color

43.1688, 0.4528, 0.4430

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.1800, 0.3662, 0.3828

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1688, 0.4528, 0.4430 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(220, 167, 59)` looks like.

```
.text, #text, p{  
    color:rgb(220, 167, 59)  
}
```

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(220, 167, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 167, 59) }
```

Border

The CSS property to change the border of an element to Yxy 43.1688, 0.4528, 0.4430 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(220, 167, 59) }
```

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

```
.border{ border-color:rgb(220, 167, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 167, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 167, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 167, 59);  
box-shadow:4px 4px 4px 4px rgb(220, 167,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1688, 0.4528, 0.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 167, 59) }
```

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

```
.background{ background-color: rgb(220,  
167, 59) }
```

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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