

Converting Colors

$Yxy(43.2734, 0.4524, 0.4660)$

Have a look what the booklet for
Yxy(43.2734, 0.4524, 0.4660)
contains.

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Color

Yxy(43.2327, 0.4525, 0.4659)

Conversions

Conversions Part 1

Format	Color
Hex	D4AB21
RGB	212, 171, 33
RGB Percent	83%, 67%, 13%
CMY	0.1686, 0.3294, 0.8705
CMYK	0.00, 0.19, 0.84, 0.17
HSL	46°, 73%, 48%
HSV	46°, 84%, 83%
XYZ	41.9893, 43.2327, 7.5720
YIQ	167.5270, 68.7340, -34.2260

Conversions

Conversions Part 2

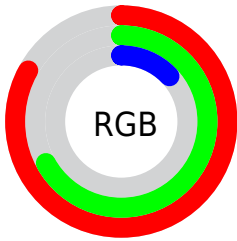
Format	Color
R_{YB}	86, 212, 33
Decimal	13937441
CIE _{Lab}	71.71, 2.73, 68.98
CIE _{LCh}	72, 69.037, 87.730
Yxy	43.2327, 0.4525, 0.4659
Android (android.graphics.Color)	4292127521 (0xFFD4AB21)
YUV	167.5270, -66.3218, 39.0028
Hunter-Lab	65.7516, -1.0743, 39.1982

Details

The Yxy color **43.2327, 0.4525, 0.4659** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **9.9777, 0.1693, 0.1129**, and the grayscale version is **39.2224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4430, 0.4185, 0.4543**, and **19.9660, 0.4642, 0.4696** is the 20% darker color. If you saturate the color by 10%, you get **41.3499, 0.4624, 0.4678**, and if you desaturate by 10%, it is **45.2618, 0.4396, 0.4593**.

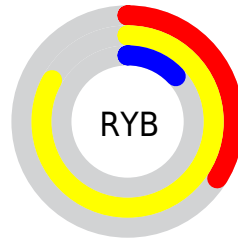
Distribution



Red (83%)

Green (67%)

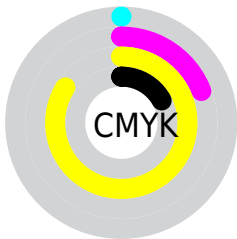
Blue (13%)



Red (34%)

Yellow (83%)

Blue (13%)

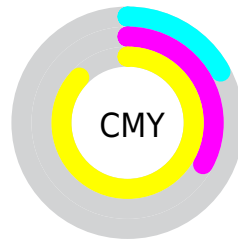


Cyan (0%)

Magenta (19%)

Yellow (84%)

Black (17%)



Cyan (17%)


Magenta (33%)


Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2327, 0.4525, 0.4659 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 43.2327, 0.4525, 0.4659 by changing the saturation by 10% instead.

 43.2327, 0.4525,
0.4659


 43.2327, 0.4525,
0.4659


359.5679, 0.3894,
0.4053

 30.0677, 0.4642,
0.4766


 80.0619, 0.4323,
0.4469

 19.8900, 0.4763,
0.4873


 104.4949, 0.4238,
0.4388

 12.3151, 0.4914,
0.5003


 133.4528, 0.4163,
0.4315

 6.9587, 0.4972,
0.5028

 167.3198, 0.4096,
0.4251

 3.4363, 0.4998,
0.5002

 206.4804, 0.4037,
0.4193

 1.3635, 0.5043,
0.4957

 251.3191, 0.3984,

 0.1896, 0.5657,

0.4141

0.4343

302.2201, 0.3937,
0.4095

■ 0.0000, 0.0000,
0.0000

■ 43.2327, 0.4525,
0.4659

■ 43.2327, 0.4525,
0.4659

■ 41.3499, 0.4624,
0.4678

■ 45.2618, 0.4396,
0.4593

■ 40.3481, 0.4671,
0.4673

■ 47.4438, 0.4241,
0.4481

■ 49.7915, 0.4069,
0.4333

■ 52.3141, 0.3887,
0.4157

■ 55.0201, 0.3704,
0.3965

■ 57.9171, 0.3524,
0.3766

■ 61.0122, 0.3353,
0.3566

■ 64.3119, 0.3194,
0.3373

■ 67.8225, 0.3047,
0.3189

Harmonies

Analogous

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



43.2327, 0.5009, 0.3986



43.2327, 0.4525, 0.4659



43.2327, 0.3718, 0.5106

Triad

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



43.2327, 0.4525, 0.4659



43.2327, 0.1600, 0.2857



43.2327, 0.3209, 0.2194

Complementary

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



43.2327, 0.4525, 0.4659



9.9777, 0.1693, 0.1129

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.



43.2327, 0.2322, 0.1913



43.2327, 0.4525, 0.4659



43.2327, 0.1520, 0.2175

Square

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



43.2327, 0.4525, 0.4659



43.2327, 0.2037, 0.3921



43.2327, 0.1757, 0.1890



43.2327, 0.4224, 0.2688

Rectangle

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



43.2327, 0.4525, 0.4659



43.2327, 0.3110, 0.5058



43.2327, 0.1757, 0.1890



43.2327, 0.2883, 0.2074

Sweetspot

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



43.2348, 0.4525, 0.4659



87.5872, 0.3539, 0.3783



15.5914, 0.5500, 0.2961



18.4075, 0.3602, 0.3854



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.



43.2348, 0.4525, 0.4659



61.0068, 0.4677, 0.4669



55.1188, 0.3756, 0.5284



14.0151, 0.3272, 0.3469



25.0666, 0.4663, 0.4680



1.6324, 0.4565, 0.4757

Inverse Universe

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



9.9777, 0.1693, 0.1129



10.2876, 0.1561, 0.0820



7.5811, 0.1831, 0.0878



12.4656, 0.2982, 0.3105



4.3944, 0.1571, 0.0856



0.3926, 0.1663, 0.1186

Previews

White Background



This preview shows how the Yxy color 43.2327, 0.4525, 0.4659 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 43.2327, 0.4525, 0.4659 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 43.2327, 0.4525, 0.4659

Background



This preview shows how black text looks on a background with the Yxy color 43.2327, 0.4525, 0.4659.



This preview shows how white text looks on a background with the Yxy color 43.2327, 0.4525, 0.4659.

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

43.2327, 0.4525, 0.4659

Protanopia

43.1719, 0.4342, 0.4794

Deuteranopia

43.2944, 0.4647, 0.4545



Tritanopia

43.1087, 0.3620, 0.3149

Trichromacy



Original Color

43.2327, 0.4525, 0.4659

Protanomaly

43.0841, 0.4408, 0.4742

Deuteranomaly

43.0320, 0.4604, 0.4584

Tritanomaly

42.4803, 0.4065, 0.3798

Monochromacy



Original Color

43.2327, 0.4525, 0.4659

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.8982, 0.3715, 0.3975

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2327, 0.4525, 0.4659 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(212, 171, 33)` looks like.

```
.text, #text, p{  
    color:rgb(212, 171, 33)  
}
```

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(212, 171, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 171, 33) }
```

Border

The CSS property to change the border of an element to Yxy 43.2327, 0.4525, 0.4659 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(212, 171, 33) }
```

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

```
.border{ border-color:rgb(212, 171, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 171, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 171, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 171, 33);  
box-shadow:4px 4px 4px 4px rgb(212, 171,  
33) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2327, 0.4525, 0.4659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 171, 33) }
```

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

```
.background{ background-color: rgb(212,  
171, 33) }
```

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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