

Converting Colors

$Yxy(43.6447, 0.4584, 0.4742)$

Have a look what the booklet for
Yxy(43.6447, 0.4584, 0.4742)
contains.

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Color

Yxy(43.6512, 0.4584, 0.4742)

Conversions

Conversions Part 1

Format	Color
Hex	D5AC00
RGB	213, 172, 0
RGB Percent	84%, 67%, 0%
CMY	0.1646, 0.3255, 0.9995
CMYK	0.00, 0.19, 1.00, 0.16
HSL	48°, 100%, 42%
HSV	48°, 100%, 84%
XYZ	42.1968, 43.6512, 6.2043
YIQ	164.6510, 79.6480, -44.8000

Conversions

Conversions Part 2

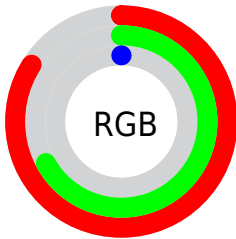
Format	Color
RYB	51, 213, 0
Decimal	14003200
CIELab	71.99, 2.14, 74.75
CIElCh	72, 74.784, 88.357
Yxy	43.6512, 0.4584, 0.4742
Android (android.graphics.Color)	4292193280 (0xFFD5AC00)
YUV	164.6510, -81.1729, 42.4021
Hunter-Lab	66.0691, -1.6170, 40.6806

Details

The Yxy color **43.6512, 0.4584, 0.4742** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **6.4004, 0.1548, 0.0774**, and the grayscale version is **37.8266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7627, 0.4239, 0.4641**, and **20.2052, 0.4627, 0.4709** is the 20% darker color. If you saturate the color by 10%, you get **43.6447, 0.4584, 0.4742**, and if you desaturate by 10%, it is **45.2951, 0.4510, 0.4737**.

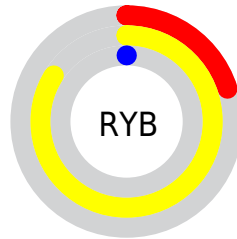
Distribution



Red (84%)

Green (67%)

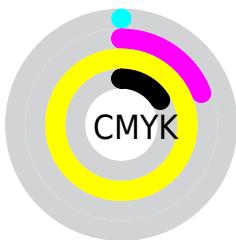
Blue (0%)



Red (20%)

Yellow (84%)

Blue (0%)

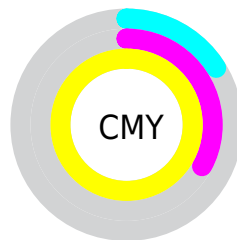


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (16%)



Cyan (16%)


Magenta (33%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6512, 0.4584, 0.4742 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 43.6512, 0.4584, 0.4742 by changing the saturation by 10% instead.


 43.6512, 0.4584,
0.4742

 43.6512, 0.4584,
0.4742


361.2830, 0.3945,
0.4116


 30.3964, 0.4693,
0.4845


 80.6926, 0.4386,
0.4551

 20.1397, 0.4802,
0.4942


 105.2480, 0.4301,
0.4468

 12.4966, 0.4937,
0.5063


 134.3391, 0.4224,
0.4393

 7.0828, 0.4950,
0.5050

 168.3502, 0.4156,
0.4325

 3.5140, 0.4971,
0.5029

 207.6658, 0.4094,
0.4265

 1.4056, 0.5005,
0.4995

 252.6701, 0.4039,

 0.2208, 0.5429,

0.4210

0.4571

303.7478, 0.3990,
0.4160

■ 0.0000, 0.0000,
0.0000

■ 43.6512, 0.4584,
0.4742

■ 43.6512, 0.4584,
0.4742

■ 43.6447, 0.4584,
0.4742

■ 45.2951, 0.4510,
0.4737

■ 47.0467, 0.4411,
0.4691

■ 48.9288, 0.4283,
0.4599

■ 50.9529, 0.4133,
0.4464

■ 53.1290, 0.3966,
0.4297

■ 55.4656, 0.3791,
0.4106

■ 57.9707, 0.3615,
0.3902

■ 60.6514, 0.3443,
0.3694

■ 63.5143, 0.3279,
0.3488

Harmonies

Analogous

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



43.6512, 0.5129, 0.4016



43.6512, 0.4584, 0.4742



43.6512, 0.3714, 0.5248

Triad

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



43.6512, 0.4584, 0.4742



43.6512, 0.1498, 0.2791



43.6512, 0.3232, 0.2135

Complementary

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



43.6512, 0.4584, 0.4742



6.4004, 0.1548, 0.0774

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.



43.6512, 0.2280, 0.1834



43.6512, 0.4584, 0.4742



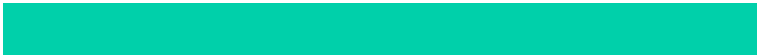
43.6512, 0.1427, 0.2083

Square

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



43.6512, 0.4584, 0.4742



43.6512, 0.1941, 0.3944



43.6512, 0.1682, 0.1800



43.6512, 0.4329, 0.2655

Rectangle

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



43.6512, 0.4584, 0.4742



43.6512, 0.3068, 0.5208



43.6512, 0.1682, 0.1800



43.6512, 0.2881, 0.2007

Sweetspot

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



43.6533, 0.4584, 0.4742



86.9692, 0.3622, 0.3909



14.3229, 0.6093, 0.3131



18.2659, 0.3696, 0.3997



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.



43.6533, 0.4584, 0.4742



65.3422, 0.4589, 0.4738



53.9991, 0.3668, 0.5469



14.0944, 0.3271, 0.3477



26.7997, 0.4578, 0.4747



1.7232, 0.4499, 0.4810

Inverse Universe

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



6.4004, 0.1548, 0.0774



9.4271, 0.1545, 0.0760



5.8968, 0.1694, 0.0707



12.3921, 0.2982, 0.3096



4.0175, 0.1554, 0.0792



0.3583, 0.1640, 0.1102

Previews

White Background



This preview shows how the Yxy color 43.6512, 0.4584, 0.4742 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 43.6512, 0.4584, 0.4742 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 43.6512, 0.4584, 0.4742

Background



This preview shows how black text looks on a background with the Yxy color 43.6512, 0.4584, 0.4742.



This preview shows how white text looks on a background with the Yxy color 43.6512, 0.4584, 0.4742.

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

43.6512, 0.4584, 0.4742

Protanopia

43.6061, 0.4392, 0.4870

Deuteranopia

43.7277, 0.4697, 0.4613



Tritanopia

43.6498, 0.3618, 0.3149

Trichromacy



Original Color

43.6512, 0.4584, 0.4742

Protanomaly

43.5105, 0.4463, 0.4823

Deuteranomaly

43.4579, 0.4658, 0.4658

Tritanomaly

42.7151, 0.4178, 0.3944

Monochromacy



Original Color

43.6512, 0.4584, 0.4742

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.9703, 0.3821, 0.4154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6512, 0.4584, 0.4742 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(213, 172, 0)` looks like.

```
.text, #text, p{  
    color:rgb(213, 172, 0)  
}
```

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(213, 172, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 172, 0) }
```

Border

The CSS property to change the border of an element to Yxy 43.6512, 0.4584, 0.4742 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(213, 172, 0) }
```

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

```
.border{ border-color:rgb(213, 172, 0) }
```

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

Here you see how a box with a 4 pixel rgb(213, 172, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 172, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 172, 0);  
box-shadow:4px 4px 4px 4px rgb(213, 172,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6512, 0.4584, 0.4742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 172, 0) }
```

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

```
.background{ background-color: rgb(213,  
172, 0) }
```

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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