

Converting Colors

Yxy(47.9151, 0.4440, 0.4609)

Have a look what the booklet for
Yxy(47.9151, 0.4440, 0.4609)
contains.

Yxy(47.9329, 0.4439, 0.4614)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(47.9329, 0.4439, 0.4614)

Conversions

Conversions Part 1

Format	Color
Hex	DBB432
RGB	219, 180, 50
RGB Percent	86%, 71%, 20%
CMY	0.1411, 0.2941, 0.8039
CMYK	0.00, 0.18, 0.77, 0.14
HSL	46°, 70%, 53%
HSV	46°, 77%, 86%
XYZ	46.1149, 47.9329, 9.8380
YIQ	176.8410, 64.9740, -32.1620

Conversions

Conversions Part 2

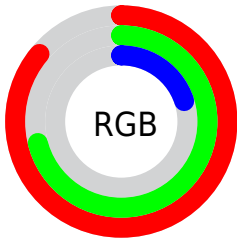
Format	Color
RYB	101, 219, 50
Decimal	14398514
CIELab	74.78, 1.59, 66.78
CIELCh	75, 66.795, 88.640
Yxy	47.9329, 0.4439, 0.4614
Android (android.graphics.Color)	4292588594 (0xFFDDBB432)
YUV	176.8410, -62.5326, 36.9734
Hunter-Lab	69.2336, -2.2640, 40.0385

Details

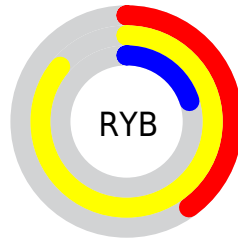
The Yxy color **47.9329, 0.4439, 0.4614** is a light color, and the websafe version is hex **CC9900**. The color can be described as light muted orange. A complement of this color would be **12.9411, 0.1782, 0.1304**, and the grayscale version is **44.1895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7173, 0.4068, 0.4520**, and **22.9119, 0.4592, 0.4736** is the 20% darker color. If you saturate the color by 10%, you get **45.7848, 0.4561, 0.4666**, and if you desaturate by 10%, it is **50.2505, 0.4290, 0.4515**.

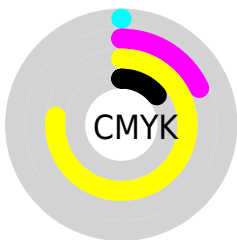
Distribution



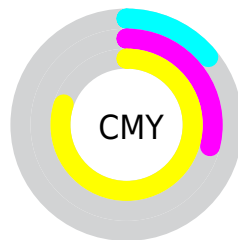
- Red (86%)
- Green (71%)
- Blue (20%)



- Red (40%)
- Yellow (86%)
- Blue (20%)



- Cyan (0%)
- Magenta (18%)
- Yellow (77%)
- Black (14%)





- Cyan (14%)
- Magenta (29%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.9329, 0.4439, 0.4614 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 47.9329, 0.4439, 0.4614 by changing the saturation by 10% instead.


 47.9329, 0.4439,
0.4614

 47.9329, 0.4439,
0.4614


378.5261, 0.3849,
0.4025


 33.7738, 0.4551,
0.4723


 87.1045, 0.4249,
0.4426


 22.7198, 0.4672,
0.4839


 112.8857, 0.4169,
0.4347


 14.3868, 0.4795,
0.4954


 143.3098, 0.4099,
0.4277

 8.3902, 0.4927,
0.5073

 178.7610, 0.4037,
0.4215

 4.3456, 0.4940,
0.5060

 219.6239, 0.3982,
0.4159

 1.8687, 0.4962,
0.5038

 266.2828, 0.3933,

 0.5295, 0.5058,

0.4110

0.4942

319.1220, 0.3889,
0.4065

■ 0.0000, 0.0000,
0.0000

■ 47.9329, 0.4439,
0.4614

■ 47.9329, 0.4439,
0.4614

■ 45.7848, 0.4561,
0.4666

■ 50.2505, 0.4290,
0.4515

■ 43.7833, 0.4653,
0.4672

■ 52.7428, 0.4121,
0.4376

■ 43.2371, 0.4676,
0.4669

■ 55.4225, 0.3941,
0.4207

■ 58.2990, 0.3756,
0.4019

■ 61.3808, 0.3574,
0.3821

■ 64.6757, 0.3400,
0.3621

■ 68.1911, 0.3237,
0.3425

■ 71.9336, 0.3086,
0.3238

■ 75.9100, 0.2948,
0.3062

Harmonies

Analogous

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



47.9329, 0.4895, 0.3990



47.9329, 0.4439, 0.4614



47.9329, 0.3675, 0.4995

Triad

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



47.9329, 0.4439, 0.4614



47.9329, 0.1675, 0.2868



47.9329, 0.3237, 0.2264

Complementary

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



47.9329, 0.4439, 0.4614



12.9411, 0.1782, 0.1304

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.



47.9329, 0.2392, 0.1988



47.9329, 0.4439, 0.4614



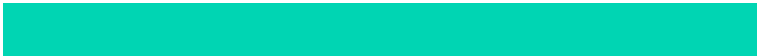
47.9329, 0.1603, 0.2230

Square

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



47.9329, 0.4439, 0.4614



47.9329, 0.2087, 0.3849



47.9329, 0.1841, 0.1961



47.9329, 0.4181, 0.2742

Rectangle

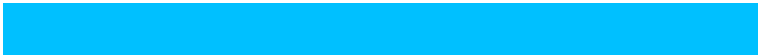
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.9329, 0.4439, 0.4614



47.9329, 0.3099, 0.4919



47.9329, 0.1841, 0.1961



47.9329, 0.2929, 0.2147

Sweetspot

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



47.9352, 0.4439, 0.4614



88.4446, 0.3504, 0.3741



18.0726, 0.5225, 0.2934



18.5749, 0.3568, 0.3814



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.



47.9352, 0.4439, 0.4614



62.7278, 0.4625, 0.4675



59.8964, 0.3752, 0.5184



14.7276, 0.3272, 0.3469



25.8059, 0.4668, 0.4676



1.7985, 0.4575, 0.4750

Inverse Universe

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



12.9411, 0.1782, 0.1304



12.0598, 0.1606, 0.0938



9.8329, 0.1935, 0.1020



13.1026, 0.2981, 0.3105



4.5524, 0.1572, 0.0858



0.4267, 0.1657, 0.1166

Previews

White Background



This preview shows how the Yxy color 47.9329, 0.4439, 0.4614 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 47.9329, 0.4439, 0.4614 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 47.9329, 0.4439, 0.4614

Background



This preview shows how black text looks on a background with the Yxy color 47.9329, 0.4439, 0.4614.



This preview shows how white text looks on a background with the Yxy color 47.9329, 0.4439, 0.4614.

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

47.9329, 0.4439, 0.4614

Protanopia

48.2023, 0.4282, 0.4725

Deuteranopia

47.8968, 0.4583, 0.4488



Tritanopia

47.8354, 0.3569, 0.3142

Trichromacy



Original Color

47.9329, 0.4439, 0.4614

Protanomaly

47.9549, 0.4336, 0.4683

Deuteranomaly

48.0142, 0.4533, 0.4535

Tritanomaly

47.2061, 0.3974, 0.3749

Monochromacy



Original Color

47.9329, 0.4439, 0.4614

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.6860, 0.3652, 0.3908

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9329, 0.4439, 0.4614 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(219, 180, 50)` looks like.

```
.text, #text, p{  
    color:rgb(219, 180, 50)  
}
```

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(219, 180, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 180, 50) }
```

Border

The CSS property to change the border of an element to Yxy 47.9329, 0.4439, 0.4614 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(219, 180, 50) }
```

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

```
.border{ border-color:rgb(219, 180, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 180, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 180, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 180, 50);  
box-shadow:4px 4px 4px 4px rgb(219, 180,  
50) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9329, 0.4439, 0.4614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 180, 50) }
```

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

```
.background{ background-color: rgb(219,  
180, 50) }
```

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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