

Converting Colors

$Yxy(44.6117, 0.4196, 0.4266)$

Have a look what the booklet for
Yxy(44.6117, 0.4196, 0.4266)
contains.

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Color

Yxy(44.6395, 0.4196, 0.4259)

Conversions

Conversions Part 1

Format	Color
Hex	D4AD5B
RGB	212, 173, 91
RGB Percent	83%, 68%, 36%
CMY	0.1687, 0.3215, 0.6432
CMYK	0.00, 0.18, 0.57, 0.17
HSL	41°, 58%, 59%
HSV	41°, 57%, 83%
XYZ	43.9792, 44.6395, 16.1935
YIQ	175.3130, 49.5660, -17.2340

Conversions

Conversions Part 2

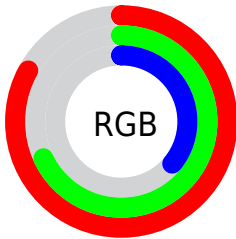
Format	Color
RYB	149, 212, 91
Decimal	13938011
CIELab	72.65, 4.60, 46.89
CIElCh	73, 47.113, 84.397
Yxy	44.6395, 0.4196, 0.4259
Android (android.graphics.Color)	4292128091 (0xFFD4AD5B)
YUV	175.3130, -41.5663, 32.1745
Hunter-Lab	66.8128, 0.5743, 32.3988

Details

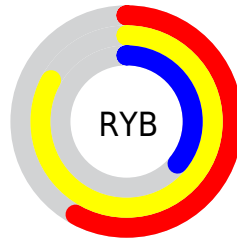
The Yxy color **44.6395, 0.4196, 0.4259** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **22.9312, 0.2148, 0.2038**, and the grayscale version is **43.2408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7300, 0.3893, 0.4145**, and **20.7049, 0.4443, 0.4474** is the 20% darker color. If you saturate the color by 10%, you get **41.7738, 0.4398, 0.4383**, and if you desaturate by 10%, it is **47.7466, 0.3988, 0.4106**.

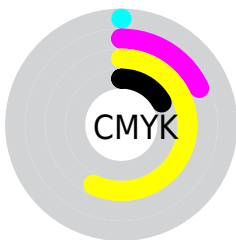
Distribution



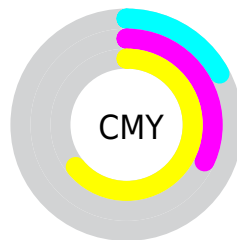
- Red (83%)
- Green (68%)
- Blue (36%)



- Red (58%)
- Yellow (83%)
- Blue (36%)



- Cyan (0%)
- Magenta (18%)
- Yellow (57%)
- Black (17%)





- Cyan (17%)
- Magenta (32%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6395, 0.4196, 0.4259 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 44.6395, 0.4196, 0.4259 by changing the saturation by 10% instead.


 44.6395, 0.4196,
0.4259

 44.6395, 0.4196,
0.4259


365.3116, 0.3678,
0.3801

 31.1736, 0.4313,
0.4358


 82.1792, 0.4015,
0.4102


 20.7311, 0.4454,
0.4474


 107.0217, 0.3945,
0.4040

 12.9276, 0.4621,
0.4606


 136.4252, 0.3884,
0.3987

 7.3787, 0.4822,
0.4754

 170.7742, 0.3832,
0.3940

 3.7000, 0.5077,
0.4923

210.4528, 0.3786,
0.3899

 1.5072, 0.5147,
0.4853

255.8457, 0.3745,

 0.2938, 0.5713,

0.3862

0.4287

307.3372, 0.3710,
0.3830

0.0000, 0.0000,
0.0000

44.6395, 0.4196,
0.4259

44.6395, 0.4196,
0.4259

41.7738, 0.4398,
0.4383

47.7466, 0.3988,
0.4106

39.1322, 0.4584,
0.4468

51.0986, 0.3783,
0.3936

36.7042, 0.4745,
0.4505

54.7066, 0.3587,
0.3759

34.4740, 0.4875,
0.4492

58.5790, 0.3404,
0.3581

33.8518, 0.4910,
0.4483

62.7237, 0.3236,
0.3407

■ 67.1482, 0.3084,
0.3243

■ 71.8596, 0.2948,
0.3089

■ 76.5001, 0.2858,
0.3001

■ 80.3233, 0.2861,
0.3075

Harmonies

Analogous

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



44.6395, 0.4452, 0.3805



44.6395, 0.4196, 0.4259



44.6395, 0.3664, 0.4509

Triad

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



44.6395, 0.4196, 0.4259



44.6395, 0.2062, 0.3101



44.6395, 0.3124, 0.2468

Complementary

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



44.6395, 0.4196, 0.4259



22.9312, 0.2148, 0.2038

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.



44.6395, 0.2513, 0.2278



44.6395, 0.4196, 0.4259



44.6395, 0.1954, 0.2571

Square

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



44.6395, 0.4196, 0.4259



44.6395, 0.2435, 0.3795



44.6395, 0.2109, 0.2301



44.6395, 0.3805, 0.2829

Rectangle

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



44.6395, 0.4196, 0.4259



44.6395, 0.3235, 0.4462



44.6395, 0.2109, 0.2301



44.6395, 0.2903, 0.2383

Sweetspot

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



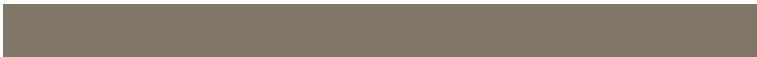
44.6416, 0.4196, 0.4259



88.9286, 0.3406, 0.3582



23.1226, 0.4252, 0.2808



18.7718, 0.3442, 0.3618



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.



44.6416, 0.4196, 0.4259



62.7791, 0.4430, 0.4400



59.0159, 0.3771, 0.4724



13.8141, 0.3274, 0.3448



21.0908, 0.4897, 0.4493



1.4190, 0.4746, 0.4613

Inverse Universe

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



22.9312, 0.2148, 0.2038



27.0154, 0.1959, 0.1735



15.6230, 0.2177, 0.1533



12.6552, 0.2982, 0.3127



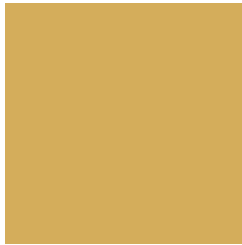
5.6696, 0.1628, 0.1060



0.4901, 0.1726, 0.1412

Previews

White Background



This preview shows how the Yxy color 44.6395, 0.4196, 0.4259 looks on a white background.

Color Contrast Check

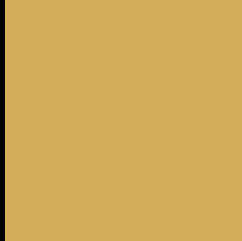
Large Text (above 18pt) WCAG AA × Fail

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 44.6395, 0.4196, 0.4259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

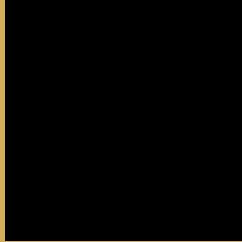
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6395, 0.4196, 0.4259

Background



This preview shows how black text looks on a background with the Yxy color 44.6395, 0.4196, 0.4259.



This preview shows how white text looks on a background with the Yxy color 44.6395, 0.4196, 0.4259.

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

44.6395, 0.4196, 0.4259

Protanopia

44.9008, 0.3997, 0.4364

Deuteranopia

44.5822, 0.4277, 0.4189



Tritanopia

44.3890, 0.3543, 0.3136

Trichromacy



Original Color

44.6395, 0.4196, 0.4259

Protanomaly

44.7735, 0.4065, 0.4333

Deuteranomaly

44.4975, 0.4241, 0.4211

Tritanomaly

44.2807, 0.3799, 0.3560

Monochromacy



Original Color

44.6395, 0.4196, 0.4259

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.9771, 0.3514, 0.3692

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6395, 0.4196, 0.4259 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, 173, 91)` looks like.

```
.text, #text, p{  
    color:rgb(212, 173, 91)  
}
```

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, 173, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 173, 91) }
```

Border

The CSS property to change the border of an element to Yxy 44.6395, 0.4196, 0.4259 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, 173, 91) }
```

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

```
.border{ border-color:rgb(212, 173, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 173, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 173, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 173, 91);  
box-shadow:4px 4px 4px 4px rgb(212, 173,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6395, 0.4196, 0.4259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 173, 91) }
```

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

```
.background{ background-color: rgb(212,  
173, 91) }
```

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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