

Converting Colors

$Yxy(41.2755, 0.3696, 0.3531)$

Have a look what the booklet for
Yxy(41.2755, 0.3696, 0.3531)
contains.

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Color

Yxy(41.4326, 0.3693, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	CCA491
RGB	204, 164, 145
RGB Percent	80%, 64%, 57%
CMY	0.1999, 0.3569, 0.4313
CMYK	0.00, 0.20, 0.29, 0.20
HSL	19°, 37%, 68%
HSV	19°, 29%, 80%
XYZ	43.2967, 41.4326, 32.5106
YIQ	173.7940, 29.9390, 2.5710

Conversions

Conversions Part 2

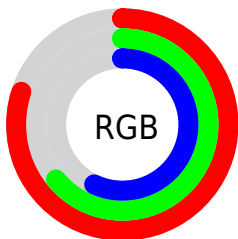
Format	Color
R_{YB}	204, 173, 145
Decimal	13411473
CIE _{Lab}	70.48, 11.97, 15.42
CIE _{LCh}	70, 19.523, 52.192
Yxy	41.4326, 0.3693, 0.3534
Android (android.graphics.Color)	4291601553 (0xFFCCA491)
YUV	173.7940, -14.1954, 26.4907
Hunter-Lab	64.3682, 7.4223, 15.1119

Details

The Yxy color **41.4326, 0.3693, 0.3534** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.1090, 0.2684, 0.3031**, and the grayscale version is **42.2818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0466, 0.3533, 0.3495**, and **18.8041, 0.3862, 0.3585** is the 20% darker color. If you saturate the color by 10%, you get **36.1720, 0.3957, 0.3622**, and if you desaturate by 10%, it is **47.3496, 0.3466, 0.3446**.

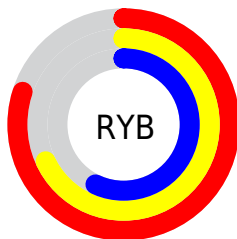
Distribution



Red (80%)

Green (64%)

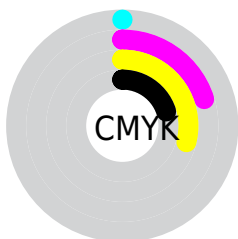
Blue (57%)



Red (80%)

Yellow (68%)

Blue (57%)

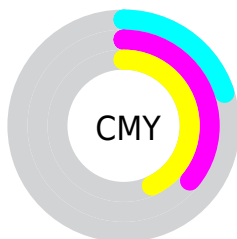


Cyan (0%)

Magenta (20%)

Yellow (29%)

Black (20%)



Cyan (20%)


Magenta (36%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4326, 0.3693, 0.3534 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 41.4326, 0.3693, 0.3534 by changing the saturation by 10% instead.


 41.4326, 0.3693,
0.3534

 41.4326, 0.3693,
0.3534


352.1254, 0.3402,
0.3416

 28.6573, 0.3768,
0.3562


 77.3402, 0.3586,
0.3492

 18.8217, 0.3865,
0.3597


 101.2412, 0.3546,
0.3476

 11.5415, 0.3996,
0.3641


129.6195, 0.3512,
0.3462

 6.4323, 0.4183,
0.3697

162.8597, 0.3484,
0.3451

 3.1097, 0.4465,
0.3770

201.3459, 0.3459,
0.3440

 1.1893, 0.5260,
0.4103

245.4627, 0.3438,

 0.0529, 0.8662,

0.3431

0.1338

295.5944, 0.3419,
0.3423

0.0000, 0.0000,
0.0000

41.4326, 0.3693,
0.3534

41.4326, 0.3693,
0.3534

36.1720, 0.3957,
0.3622

47.3496, 0.3466,
0.3446

31.5388, 0.4260,
0.3705

53.9393, 0.3274,
0.3361

27.5102, 0.4597,
0.3773

61.2245, 0.3111,
0.3282

24.0597, 0.4955,
0.3815

69.2252, 0.2973,
0.3208

21.1586, 0.5311,
0.3819

77.9607, 0.2857,
0.3141

■ 18.7753, 0.5632,
0.3777

■ 86.6219, 0.2822,
0.3206

■ 16.8701, 0.5893,
0.3691

■ 91.5826, 0.2827,
0.3289

■ 16.6904, 0.5920,
0.3682

Harmonies

Analogous

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



41.4326, 0.3615, 0.3300



41.4326, 0.3693, 0.3534



41.4326, 0.3611, 0.3719

Triad

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



41.4326, 0.3693, 0.3534



41.4326, 0.2850, 0.3519



41.4326, 0.2845, 0.2823

Complementary

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



41.4326, 0.3693, 0.3534



45.1090, 0.2684, 0.3031

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.



41.4326, 0.2658, 0.2857



41.4326, 0.3693, 0.3534



41.4326, 0.2661, 0.3250

Square

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



41.4326, 0.3693, 0.3534



41.4326, 0.3119, 0.3725



41.4326, 0.2592, 0.3008



41.4326, 0.3115, 0.2902

Rectangle

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



41.4326, 0.3693, 0.3534



41.4326, 0.3480, 0.3786



41.4326, 0.2592, 0.3008



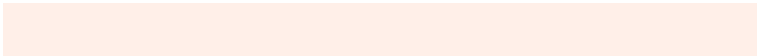
41.4326, 0.2771, 0.2821

Sweetspot

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



41.4345, 0.3693, 0.3534



89.0722, 0.3277, 0.3363



36.6168, 0.3338, 0.2789



18.7064, 0.3304, 0.3375



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.



41.4345, 0.3693, 0.3534



62.7824, 0.3861, 0.3592



53.1235, 0.3594, 0.3885



11.7926, 0.3282, 0.3365



10.6514, 0.5894, 0.3702



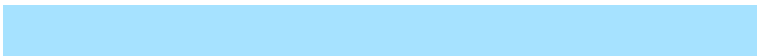
0.6870, 0.5507, 0.4009

Inverse Universe

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



45.1090, 0.2684, 0.3031



69.8630, 0.2588, 0.2963



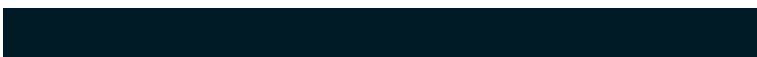
34.1059, 0.2640, 0.2614



12.0953, 0.2983, 0.3214



14.4372, 0.1948, 0.2214



0.8784, 0.2014, 0.2449

Previews

White Background



This preview shows how the Yxy color 41.4326, 0.3693, 0.3534 looks on a white background.

Color Contrast Check

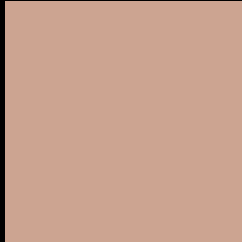
Large Text (above 18pt) WCAG AA × Fail

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 41.4326, 0.3693, 0.3534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

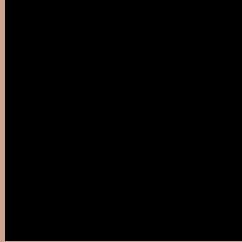
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4326, 0.3693, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 41.4326, 0.3693, 0.3534.



This preview shows how white text looks on a background with the Yxy color 41.4326, 0.3693, 0.3534.

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

41.4326, 0.3693, 0.3534

Protanopia

41.4987, 0.3408, 0.3605

Deuteranopia

41.4589, 0.3637, 0.3564



Tritanopia

41.3856, 0.3473, 0.3141

Trichromacy



Original Color

41.4326, 0.3693, 0.3534

Protanomaly

41.3329, 0.3502, 0.3572

Deuteranomaly

41.3721, 0.3660, 0.3550

Tritanomaly

41.2202, 0.3557, 0.3279

Monochromacy



Original Color

41.4326, 0.3693, 0.3534

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.7081, 0.3326, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4326, 0.3693, 0.3534 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(204, 164, 145)` looks like.

```
.text, #text, p{  
    color:rgb(204, 164, 145)  
}
```

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(204, 164, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 164, 145) }
```

Border

The CSS property to change the border of an element to Yxy 41.4326, 0.3693, 0.3534 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(204, 164, 145) }
```

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

```
.border{ border-color:rgb(204, 164, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 164, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 164, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 164, 145);  
box-shadow:4px 4px 4px 4px rgb(204, 164,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4326, 0.3693, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 164, 145) }
```

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

```
.background{ background-color: rgb(204,  
164, 145) }
```

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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