

Converting Colors

$Yxy(41.1344, 0.3529, 0.3382)$

Have a look what the booklet for
Yxy(41.1344, 0.3529, 0.3382)
contains.

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Color

Yxy(41.1274, 0.3529, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	C7A49D
RGB	199, 164, 157
RGB Percent	78%, 64%, 62%
CMY	0.2196, 0.3569, 0.3844
CMYK	0.00, 0.18, 0.21, 0.22
HSL	10°, 27%, 70%
HSV	10°, 21%, 78%
XYZ	42.9150, 41.1274, 37.5643
YIQ	173.6670, 23.1070, 5.2430

Conversions

Conversions Part 2

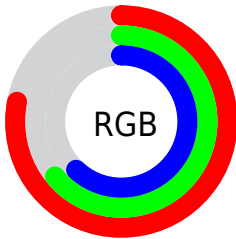
Format	Color
RYB	199, 165, 157
Decimal	13083805
CIELab	70.27, 11.75, 8.46
CIELCh	70, 14.481, 35.756
Yxy	41.1274, 0.3529, 0.3382
Android (android.graphics.Color)	4291273885 (0xFFC7A49D)
YUV	173.6670, -8.2168, 22.2170
Hunter-Lab	64.1306, 7.2202, 10.1625

Details

The Yxy color $41.1274, 0.3529, 0.3382$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $48.9831, 0.2809, 0.3196$, and the grayscale version is $42.1826, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.6765, 0.3440, 0.3362$, and $18.6487, 0.3656, 0.3397$ is the 20% darker color. If you saturate the color by 10%, you get $34.9529, 0.3784, 0.3429$, and if you desaturate by 10%, it is $48.1896, 0.3318, 0.3337$.

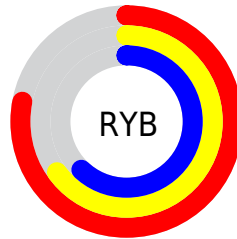
Distribution



Red (78%)

Green (64%)

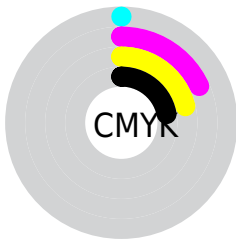
Blue (62%)



Red (78%)

Yellow (65%)

Blue (62%)

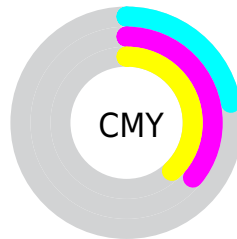


Cyan (0%)

Magenta (18%)

Yellow (21%)

Black (22%)



Cyan (22%)


Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1274, 0.3529, 0.3382 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 41.1274, 0.3529, 0.3382 by changing the saturation by 10% instead.


 41.1274, 0.3529,
0.3382

 41.1274, 0.3529,
0.3382


350.8528, 0.3322,
0.3338

 28.4186, 0.3582,
0.3392


 76.8773, 0.3453,
0.3367

 18.6415, 0.3652,
0.3405


 100.6871, 0.3424,
0.3361

 11.4115, 0.3747,
0.3421


128.9662, 0.3400,
0.3356

 6.3443, 0.3883,
0.3441

162.0988, 0.3380,
0.3351

 3.0556, 0.4094,
0.3466

200.4694, 0.3363,
0.3347

 1.1608, 0.4509,
0.3528

244.4623, 0.3348,

 0.0293, 0.9147,

0.3344

0.0853

294.4620, 0.3334,
0.3341

0.0000, 0.0000,
0.0000

41.1274, 0.3529,
0.3382

41.1274, 0.3529,
0.3382

34.9529, 0.3784,
0.3429

48.1896, 0.3318,
0.3337

29.6254, 0.4090,
0.3475

56.1668, 0.3145,
0.3295

25.1094, 0.4448,
0.3515

65.0924, 0.3002,
0.3256

21.3647, 0.4852,
0.3544

74.9961, 0.2884,
0.3220

18.3478, 0.5278,
0.3553

85.8105, 0.2794,
0.3203

■ 16.0104, 0.5687,
0.3534

■ 90.8837, 0.2800,
0.3289

■ 14.2984, 0.6024,
0.3485

■ 13.2460, 0.6239,
0.3428

Harmonies

Analogous

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



41.1274, 0.3412, 0.3203



41.1274, 0.3529, 0.3382



41.1274, 0.3534, 0.3545

Triad

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



41.1274, 0.3529, 0.3382



41.1274, 0.3028, 0.3551



41.1274, 0.2830, 0.2942

Complementary

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



41.1274, 0.3529, 0.3382



48.9831, 0.2809, 0.3196

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.



41.1274, 0.2735, 0.3020



41.1274, 0.3529, 0.3382



41.1274, 0.2847, 0.3372

Square

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



41.1274, 0.3529, 0.3382



41.1274, 0.3240, 0.3653



41.1274, 0.2741, 0.3176



41.1274, 0.3004, 0.2954

Rectangle

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



41.1274, 0.3529, 0.3382



41.1274, 0.3473, 0.3623



41.1274, 0.2741, 0.3176



41.1274, 0.2788, 0.2959

Sweetspot

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



41.1293, 0.3529, 0.3382



91.1909, 0.3227, 0.3315



40.0561, 0.3214, 0.2853



19.3212, 0.3238, 0.3318



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.



41.1293, 0.3529, 0.3382



67.2291, 0.3632, 0.3402



49.2752, 0.3476, 0.3645



10.9186, 0.3285, 0.3329



8.6043, 0.6220, 0.3443



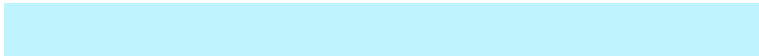
0.4992, 0.5851, 0.3736

Inverse Universe

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



48.9831, 0.2809, 0.3196



83.2380, 0.2748, 0.3175



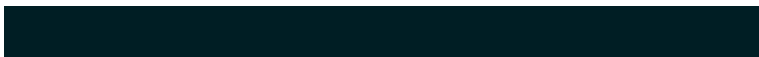
40.4116, 0.2790, 0.2908



11.7541, 0.2984, 0.3250



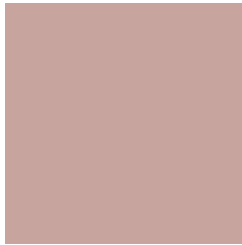
20.2383, 0.2098, 0.2754



1.0407, 0.2133, 0.2877

Previews

White Background



This preview shows how the Yxy color 41.1274, 0.3529, 0.3382 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 41.1274, 0.3529, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

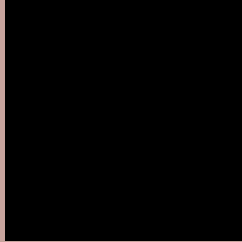
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1274, 0.3529, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 41.1274, 0.3529, 0.3382.



This preview shows how white text looks on a background with the Yxy color 41.1274, 0.3529, 0.3382.

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

41.1274, 0.3529, 0.3382

Protanopia

41.1640, 0.3277, 0.3427

Deuteranopia

41.1761, 0.3475, 0.3409



Tritanopia

40.9632, 0.3394, 0.3126

Trichromacy



Original Color

41.1274, 0.3529, 0.3382

Protanomaly

40.9824, 0.3366, 0.3398

Deuteranomaly

41.0804, 0.3497, 0.3396

Tritanomaly

40.9472, 0.3439, 0.3214

Monochromacy



Original Color

41.1274, 0.3529, 0.3382

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.6439, 0.3264, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1274, 0.3529, 0.3382 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(199, 164, 157)` looks like.

```
.text, #text, p{  
    color:rgb(199, 164, 157)  
}
```

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(199, 164, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 164, 157) }
```

Border

The CSS property to change the border of an element to Yxy 41.1274, 0.3529, 0.3382 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(199, 164, 157) }
```

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

```
.border{ border-color:rgb(199, 164, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 164, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 164, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 164, 157);  
box-shadow:4px 4px 4px 4px rgb(199, 164,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1274, 0.3529, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 164, 157) }
```

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

```
.background{ background-color: rgb(199,  
164, 157) }
```

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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