

Converting Colors

$Yxy(41.7398, 0.3510, 0.3448)$

Have a look what the booklet for
Yxy(41.7398, 0.3510, 0.3448)
contains.

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Color

Yxy(41.7398, 0.3510, 0.3448)

Conversions

Conversions Part 1

Format	Color
Hex	C4A79B
RGB	196, 167, 155
RGB Percent	77%, 65%, 61%
CMY	0.2316, 0.3450, 0.3922
CMYK	0.00, 0.15, 0.21, 0.23
HSL	18°, 26%, 69%
HSV	18°, 21%, 77%
XYZ	42.4903, 41.7398, 36.8250
YIQ	174.3030, 21.1360, 2.4160

Conversions

Conversions Part 2

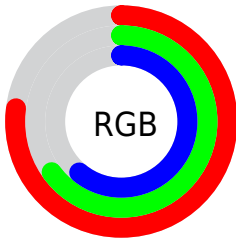
Format	Color
R_{YB}	196, 172, 155
Decimal	12887963
CIE _{Lab}	70.69, 8.65, 10.12
CIE _{LCh}	71, 13.312, 49.500
Yxy	41.7398, 0.3510, 0.3448
Android (android.graphics.Color)	4291078043 (0xFFC4A79B)
YUV	174.3030, -9.5164, 19.0283
Hunter-Lab	64.6063, 4.3349, 11.4297

Details

The Yxy color **41.7398, 0.3510, 0.3448** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.2010, 0.2808, 0.3126**, and the grayscale version is **42.5317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7286, 0.3441, 0.3423**, and **19.0117, 0.3629, 0.3487** is the 20% darker color. If you saturate the color by 10%, you get **36.3322, 0.3747, 0.3529**, and if you desaturate by 10%, it is **47.8009, 0.3310, 0.3370**.

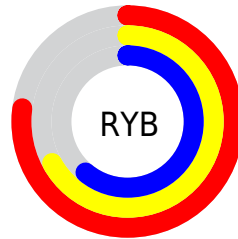
Distribution



Red (77%)

Green (65%)

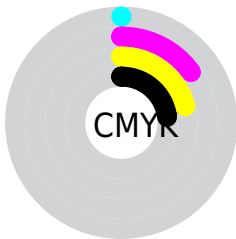
Blue (61%)



Red (77%)

Yellow (67%)

Blue (61%)

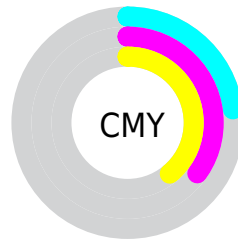


Cyan (0%)

Magenta (15%)

Yellow (21%)

Black (23%)



Cyan (23%)


Magenta (35%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7398, 0.3510, 0.3448 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 41.7398, 0.3510, 0.3448 by changing the saturation by 10% instead.

 41.7398, 0.3510,
0.3448


 41.7398, 0.3510,
0.3448

353.4032, 0.3314,
0.3370

 28.8976, 0.3561,
0.3467


 77.8057, 0.3438,
0.3420

 19.0034, 0.3626,
0.3491


 101.7981, 0.3411,
0.3410

 11.6727, 0.3716,
0.3522


130.2761, 0.3388,
0.3401

 6.5212, 0.3843,
0.3564

163.6241, 0.3369,
0.3393

 3.1645, 0.4039,
0.3623

202.2264, 0.3352,
0.3386

 1.2182, 0.4444,
0.3762

246.4674, 0.3338,

 0.0765, 0.7876,

0.3380

0.2124

296.7315, 0.3325,
0.3375

0.0000, 0.0000,
0.0000

41.7398, 0.3510,
0.3448

41.7398, 0.3510,
0.3448

36.3322, 0.3747,
0.3529

47.8009, 0.3310,
0.3370

31.5502, 0.4024,
0.3609

54.5307, 0.3141,
0.3296

27.3722, 0.4341,
0.3682

61.9513, 0.2999,
0.3228

23.7733, 0.4693,
0.3739

70.0819, 0.2879,
0.3166

20.7266, 0.5064,
0.3770

78.9409, 0.2778,
0.3109

■ 18.2030, 0.5428,
0.3763

■ 87.3624, 0.2779,
0.3237

■ 16.1701, 0.5748,
0.3709

■ 90.4693, 0.2783,
0.3289

■ 14.7098, 0.5984,
0.3631

Harmonies

Analogous

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



41.7398, 0.3448, 0.3285



41.7398, 0.3510, 0.3448



41.7398, 0.3466, 0.3576

Triad

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



41.7398, 0.3510, 0.3448



41.7398, 0.2954, 0.3459



41.7398, 0.2921, 0.2966

Complementary

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



41.7398, 0.3510, 0.3448



45.2010, 0.2808, 0.3126

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.



41.7398, 0.2797, 0.3001



41.7398, 0.3510, 0.3448



41.7398, 0.2816, 0.3282

Square

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



41.7398, 0.3510, 0.3448



41.7398, 0.3142, 0.3589



41.7398, 0.2759, 0.3114



41.7398, 0.3103, 0.3013

Rectangle

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



41.7398, 0.3510, 0.3448



41.7398, 0.3383, 0.3623



41.7398, 0.2759, 0.3114



41.7398, 0.2871, 0.2968

Sweetspot

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



41.7417, 0.3510, 0.3448



92.3511, 0.3225, 0.3334



38.6459, 0.3257, 0.2916



19.5947, 0.3236, 0.3339



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.



41.7417, 0.3510, 0.3448



71.1117, 0.3612, 0.3484



49.6695, 0.3460, 0.3699



10.5492, 0.3282, 0.3358



9.5880, 0.5959, 0.3651



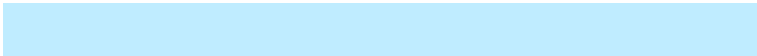
0.5371, 0.5507, 0.4010

Inverse Universe

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



45.2010, 0.2808, 0.3126



78.4803, 0.2741, 0.3087



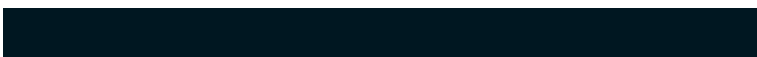
37.4557, 0.2789, 0.2845



10.9126, 0.2984, 0.3221



14.4767, 0.1976, 0.2315



0.7400, 0.2044, 0.2558

Previews

White Background



This preview shows how the Yxy color 41.7398, 0.3510, 0.3448 looks on a white background.

Color Contrast Check

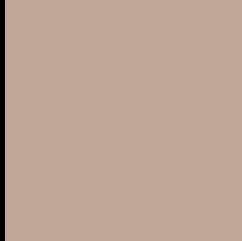
Large Text (above 18pt) WCAG AA × Fail

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 41.7398, 0.3510, 0.3448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

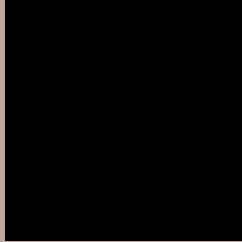
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7398, 0.3510, 0.3448

Background



This preview shows how black text looks on a background with the Yxy color 41.7398, 0.3510, 0.3448.



This preview shows how white text looks on a background with the Yxy color 41.7398, 0.3510, 0.3448.

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

41.7398, 0.3510, 0.3448

Protanopia

42.0591, 0.3318, 0.3495

Deuteranopia

41.7398, 0.3510, 0.3448



Tritanopia

41.8674, 0.3342, 0.3126

Trichromacy



Original Color

41.7398, 0.3510, 0.3448

Protanomaly

41.9992, 0.3387, 0.3478

Deuteranomaly

41.7398, 0.3510, 0.3448

Tritanomaly

41.7806, 0.3404, 0.3239

Monochromacy



Original Color

41.7398, 0.3510, 0.3448

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8609, 0.3262, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7398, 0.3510, 0.3448 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(196, 167, 155)` looks like.

```
.text, #text, p{  
    color:rgb(196, 167, 155)  
}
```

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(196, 167, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 167, 155) }
```

Border

The CSS property to change the border of an element to Yxy 41.7398, 0.3510, 0.3448 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(196, 167, 155) }
```

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

```
.border{ border-color:rgb(196, 167, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 167, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 167, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 167, 155);  
box-shadow:4px 4px 4px 4px rgb(196, 167,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7398, 0.3510, 0.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 167, 155) }
```

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

```
.background{ background-color: rgb(196,  
167, 155) }
```

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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