

Converting Colors

$Y_{xy}(42.0138, 0.3695, 0.3625)$

Have a look what the booklet for
Yxy(42.0138, 0.3695, 0.3625)
contains.

Yxy(41.9780, 0.3690, 0.3627)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.9780, 0.3690, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	C9A78D
RGB	201, 167, 141
RGB Percent	79%, 65%, 55%
CMY	0.2119, 0.3450, 0.4470
CMYK	0.00, 0.17, 0.30, 0.21
HSL	26°, 36%, 67%
HSV	26°, 30%, 79%
XYZ	42.7071, 41.9780, 31.0524
YIQ	174.2020, 28.6100, -0.8780

Conversions

Conversions Part 2

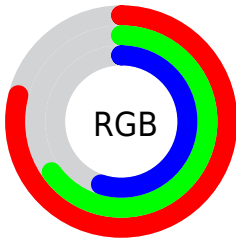
Format	Color
R _Y B	201, 187, 141
Decimal	13215629
CIE Lab	70.86, 8.59, 18.11
CIE LCh	71, 20.038, 64.630
Yxy	41.9780, 0.3690, 0.3627
Android (android.graphics.Color)	4291405709 (0xFFC9A78D)
YUV	174.2020, -16.3686, 23.5018
Hunter-Lab	64.7904, 4.2765, 16.9371

Details

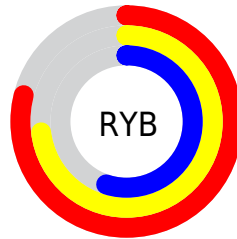
The Yxy color $41.9780, 0.3690, 0.3627$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $40.5202, 0.2661, 0.2926$, and the grayscale version is $42.5111, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.4427, 0.3555, 0.3566$, and $19.1278, 0.3856, 0.3711$ is the 20% darker color. If you saturate the color by 10%, you get $37.4472, 0.3935, 0.3744$, and if you desaturate by 10%, it is $46.9881, 0.3474, 0.3509$.

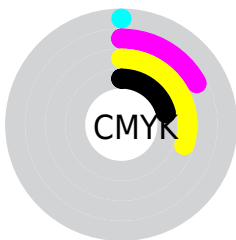
Distribution



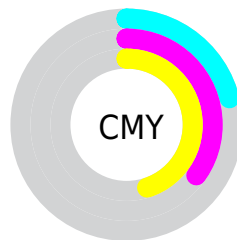
- Red (79%)
- Green (65%)
- Blue (55%)



- Red (79%)
- Yellow (73%)
- Blue (55%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (21%)




- Cyan (21%)
- Magenta (35%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9780, 0.3690, 0.3627 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 41.9780, 0.3690, 0.3627 by changing the saturation by 10% instead.

 41.9780, 0.3690,
0.3627

 41.9780, 0.3690,
0.3627

354.3917, 0.3402,
0.3461


 29.0841, 0.3763,
0.3667


 78.1663, 0.3584,
0.3568

 19.1444, 0.3858,
0.3717


 102.2295, 0.3545,
0.3545

 11.7747, 0.3986,
0.3782


 130.7846, 0.3512,
0.3526

 6.5904, 0.4165,
0.3868

164.2159, 0.3483,
0.3509

 3.2073, 0.4432,
0.3982

202.9079, 0.3459,
0.3495

 1.2409, 0.5324,
0.4520

247.2449, 0.3438,

 0.0947, 0.7598,

0.3482

0.2402

297.6114, 0.3419,
0.3471

0.0000, 0.0000,
0.0000

41.9780, 0.3690,
0.3627

41.9780, 0.3690,
0.3627

37.4472, 0.3935,
0.3744

46.9881, 0.3474,
0.3509

33.3745, 0.4207,
0.3854

52.4861, 0.3287,
0.3396

29.7458, 0.4502,
0.3948

58.4879, 0.3125,
0.3288

26.5435, 0.4808,
0.4012

65.0065, 0.2985,
0.3188

23.7489, 0.5107,
0.4035

72.0548, 0.2864,
0.3096

■ 21.3410, 0.5377,
0.4006

■ 79.2134, 0.2796,
0.3079

■ 19.2901, 0.5606,
0.3929

■ 85.9491, 0.2804,
0.3202

■ 19.2591, 0.5609,
0.3928

■ 91.1528, 0.2810,
0.3289

Harmonies

Analogous

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



41.9780, 0.3678, 0.3401



41.9780, 0.3690, 0.3627



41.9780, 0.3545, 0.3778

Triad

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



41.9780, 0.3690, 0.3627



41.9780, 0.2751, 0.3412



41.9780, 0.2946, 0.2833

Complementary

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



41.9780, 0.3690, 0.3627



40.5202, 0.2661, 0.2926

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.



41.9780, 0.2714, 0.2818



41.9780, 0.3690, 0.3627



41.9780, 0.2605, 0.3138

Square

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



41.9780, 0.3690, 0.3627



41.9780, 0.2999, 0.3661



41.9780, 0.2592, 0.2924



41.9780, 0.3238, 0.2957

Rectangle

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



41.9780, 0.3690, 0.3627



41.9780, 0.3382, 0.3808



41.9780, 0.2592, 0.2924



41.9780, 0.2859, 0.2815

Sweetspot

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



41.9799, 0.3690, 0.3627



90.5971, 0.3275, 0.3388



34.5585, 0.3418, 0.2858



19.0807, 0.3300, 0.3404



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.



41.9799, 0.3690, 0.3627



66.6355, 0.3850, 0.3706



54.2541, 0.3586, 0.3983



11.3812, 0.3279, 0.3391



12.2889, 0.5585, 0.3948



0.7253, 0.5224, 0.4234

Inverse Universe

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



40.5202, 0.2661, 0.2926



63.7174, 0.2556, 0.2830



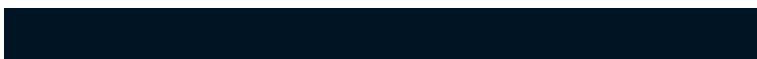
30.1301, 0.2612, 0.2487



11.2673, 0.2983, 0.3187



10.3751, 0.1839, 0.1818



0.6334, 0.1932, 0.2155

Previews

White Background



This preview shows how the Yxy color 41.9780, 0.3690, 0.3627 looks on a white background.

Color Contrast Check

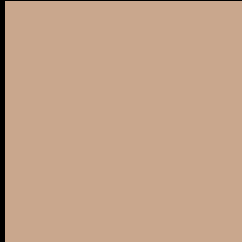
Large Text (above 18pt) WCAG AA × Fail

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 41.9780, 0.3690, 0.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

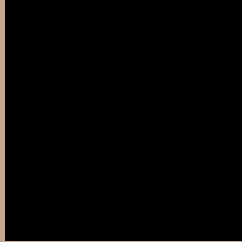
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9780, 0.3690, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 41.9780, 0.3690, 0.3627.



This preview shows how white text looks on a background with the Yxy color 41.9780, 0.3690, 0.3627.

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

41.9780, 0.3690, 0.3627

Protanopia

41.9680, 0.3469, 0.3685

Deuteranopia

42.1171, 0.3700, 0.3626



Tritanopia

41.9149, 0.3421, 0.3128

Trichromacy



Original Color

41.9780, 0.3690, 0.3627

Protanomaly

42.0561, 0.3551, 0.3664

Deuteranomaly

42.1171, 0.3700, 0.3626

Tritanomaly

42.0326, 0.3520, 0.3304

Monochromacy



Original Color

41.9780, 0.3690, 0.3627

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.9248, 0.3324, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9780, 0.3690, 0.3627 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(201, 167, 141)` looks like.

```
.text, #text, p{  
    color:rgb(201, 167, 141)  
}
```

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(201, 167, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 167, 141) }
```

Border

The CSS property to change the border of an element to Yxy 41.9780, 0.3690, 0.3627 is called "border". The border property can be set on classes, ids or directly on the HTML element.

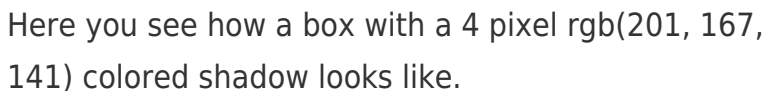
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 167, 141) }
```

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

```
.border{ border-color:rgb(201, 167, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 167, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 167, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 167, 141); box-shadow:4px 4px 4px 4px rgb(201, 167, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9780, 0.3690, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 167, 141) }
```

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

```
.background{ background-color: rgb(201,  
167, 141) }
```

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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