

Converting Colors

$Y_{xy}(41.2212, 0.3742, 0.3596)$

Have a look what the booklet for
Yxy(41.2212, 0.3742, 0.3596)
contains.

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Color

Yxy(41.2817, 0.3741, 0.3599)

Conversions

Conversions Part 1

Format	Color
Hex	CCA48C
RGB	204, 164, 140
RGB Percent	80%, 64%, 55%
CMY	0.2000, 0.3568, 0.4510
CMYK	0.00, 0.20, 0.31, 0.20
HSL	23°, 39%, 67%
HSV	23°, 31%, 80%
XYZ	42.9105, 41.2817, 30.5111
YIQ	173.2240, 31.5440, 1.0160

Conversions

Conversions Part 2

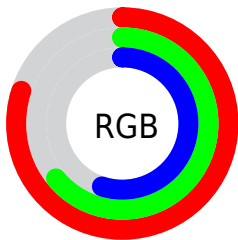
Format	Color
RYB	204, 178, 140
Decimal	13411468
CIELab	70.37, 11.27, 18.04
CIELCh	70, 21.275, 58.001
Yxy	41.2817, 0.3741, 0.3599
Android (android.graphics.Color)	4291601548 (0xFFCCA48C)
YUV	173.2240, -16.3794, 26.9906
Hunter-Lab	64.2508, 6.7738, 16.8203

Details

The Yxy color $41.2817, 0.3741, 0.3599$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $42.5693, 0.2642, 0.2957$, and the grayscale version is $41.9831, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.8181, 0.3570, 0.3547$, and $18.7161, 0.3930, 0.3671$ is the 20% darker color. If you saturate the color by 10%, you get $36.4006, 0.4003, 0.3701$, and if you desaturate by 10%, it is $46.7354, 0.3513, 0.3496$.

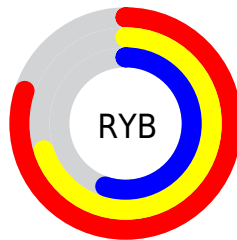
Distribution



Red (80%)

Green (64%)

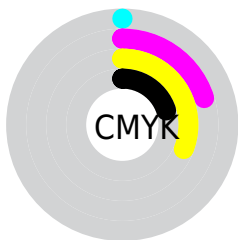
Blue (55%)



Red (80%)

Yellow (70%)

Blue (55%)

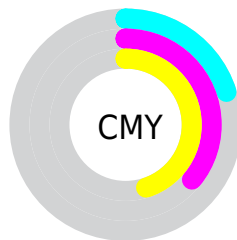


Cyan (0%)

Magenta (20%)

Yellow (31%)

Black (20%)



Cyan (20%)


Magenta (36%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2817, 0.3741, 0.3599 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 41.2817, 0.3741, 0.3599 by changing the saturation by 10% instead.

 41.2817, 0.3741,
0.3599

 41.2817, 0.3741,
0.3599

351.4966, 0.3426,
0.3449


 28.5393, 0.3822,
0.3635

 77.1113, 0.3625,
0.3546

 18.7326, 0.3927,
0.3679


 100.9673, 0.3582,
0.3525

 11.4772, 0.4068,
0.3735


 129.2966, 0.3545,
0.3508

 6.3888, 0.4267,
0.3808

162.4836, 0.3514,
0.3493

 3.0829, 0.4565,
0.3900

200.9127, 0.3488,
0.3480

 1.1752, 0.5580,
0.4420

244.9683, 0.3464,

 0.0413, 0.8840,

0.3468

0.1160

295.0348, 0.3444,
0.3458

0.0000, 0.0000,
0.0000

41.2817, 0.3741,
0.3599

41.2817, 0.3741,
0.3599

36.4006, 0.4003,
0.3701

46.7354, 0.3513,
0.3496

32.0669, 0.4298,
0.3794

52.7745, 0.3316,
0.3397

28.2616, 0.4620,
0.3870

59.4186, 0.3148,
0.3303


24.9624, 0.4954,
0.3915

66.6846, 0.3005,
0.3215


22.1451, 0.5279,
0.3918

74.5885, 0.2883,
0.3134

 19.7827, 0.5568,
0.3870

 82.6610, 0.2817,
0.3136

 18.0821, 0.5777,
0.3795

 90.4511, 0.2826,
0.3271

 91.5778, 0.2827,
0.3289

Harmonies

Analogous

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



41.2817, 0.3690, 0.3349



41.2817, 0.3741, 0.3599



41.2817, 0.3619, 0.3785

Triad

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



41.2817, 0.3741, 0.3599



41.2817, 0.2777, 0.3485



41.2817, 0.2871, 0.2790

Complementary

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



41.2817, 0.3741, 0.3599



42.5693, 0.2642, 0.2957

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.



41.2817, 0.2647, 0.2801



41.2817, 0.3741, 0.3599



41.2817, 0.2594, 0.3188

Square

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



41.2817, 0.3741, 0.3599



41.2817, 0.3057, 0.3733



41.2817, 0.2548, 0.2940



41.2817, 0.3175, 0.2898

Rectangle

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



41.2817, 0.3741, 0.3599



41.2817, 0.3461, 0.3841



41.2817, 0.2548, 0.2940



41.2817, 0.2785, 0.2780

Sweetspot

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



41.2836, 0.3741, 0.3599



89.7992, 0.3276, 0.3375



34.9064, 0.3394, 0.2783



18.8847, 0.3302, 0.3389



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.



41.2836, 0.3741, 0.3599



62.5200, 0.3924, 0.3672



53.9707, 0.3626, 0.3973



11.8919, 0.3281, 0.3377



11.5462, 0.5752, 0.3815



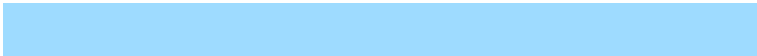
0.7405, 0.5383, 0.4108

Inverse Universe

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



42.5693, 0.2642, 0.2957



64.9755, 0.2535, 0.2869



31.2774, 0.2588, 0.2500



11.9921, 0.2983, 0.3201



12.5559, 0.1895, 0.2022



0.7906, 0.1972, 0.2298

Previews

White Background



This preview shows how the Yxy color 41.2817, 0.3741, 0.3599 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 41.2817, 0.3741, 0.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

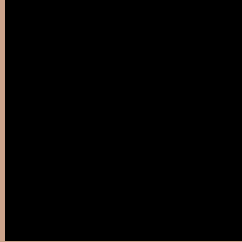
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2817, 0.3741, 0.3599

Background



This preview shows how black text looks on a background with the Yxy color 41.2817, 0.3741, 0.3599.



This preview shows how white text looks on a background with the Yxy color 41.2817, 0.3741, 0.3599.

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

41.2817, 0.3741, 0.3599

Protanopia

41.4637, 0.3462, 0.3674

Deuteranopia

41.4452, 0.3694, 0.3628



Tritanopia

41.0402, 0.3475, 0.3129

Trichromacy



Original Color

41.2817, 0.3741, 0.3599

Protanomaly

41.3063, 0.3557, 0.3639

Deuteranomaly

41.2212, 0.3707, 0.3615

Tritanomaly

41.1496, 0.3576, 0.3304

Monochromacy



Original Color

41.2817, 0.3741, 0.3599

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.5130, 0.3335, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2817, 0.3741, 0.3599 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(204, 164, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 164, 140) }
```

Border

The CSS property to change the border of an element to Yxy 41.2817, 0.3741, 0.3599 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, 140) }
```

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

```
.border{ border-color:rgb(204, 164, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 164, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 164, 140);  
box-shadow:4px 4px 4px 4px rgb(204, 164,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2817, 0.3741, 0.3599 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, 140) }
```

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

```
.background{ background-color: rgb(204,  
164, 140) }
```

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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