

Converting Colors

$Y_{xy}(41.2718, 0.3566, 0.3344)$

Have a look what the booklet for
Yxy(41.2718, 0.3566, 0.3344)
contains.

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Color

Yxy(41.1467, 0.3573, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	CCA29E
RGB	204, 162, 158
RGB Percent	80%, 64%, 62%
CMY	0.2001, 0.3647, 0.3803
CMYK	0.00, 0.21, 0.23, 0.20
HSL	5°, 31%, 71%
HSV	5°, 23%, 80%
XYZ	43.9908, 41.1467, 37.9825
YIQ	174.1020, 26.3160, 7.6600

Conversions

Conversions Part 2

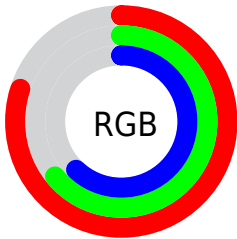
Format	Color
R_{YB}	204, 162, 158
Decimal	13410974
CIE _{Lab}	70.28, 14.87, 7.97
CIE _{LCh}	70, 16.871, 28.176
Yxy	41.1467, 0.3573, 0.3342
Android (android.graphics.Color)	4291601054 (0xFFCCA29E)
YUV	174.1020, -7.9383, 26.2205
Hunter-Lab	64.1457, 10.1594, 9.7947

Details

The Yxy color $41.1467, 0.3573, 0.3342$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $52.9349, 0.2792, 0.3237$, and the grayscale version is $42.4150, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.6898, 0.3436, 0.3331$, and $18.6030, 0.3707, 0.3343$ is the 20% darker color. If you saturate the color by 10%, you get $34.4187, 0.3848, 0.3367$, and if you desaturate by 10%, it is $48.9673, 0.3349, 0.3318$.

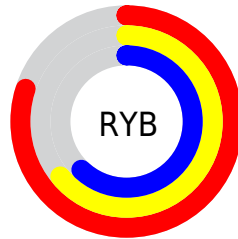
Distribution



Red (80%)

Green (64%)

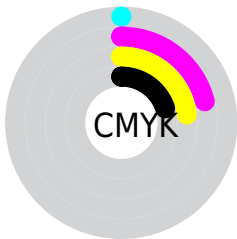
Blue (62%)



Red (80%)

Yellow (64%)

Blue (62%)

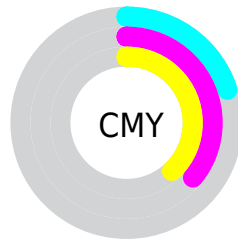


Cyan (0%)

Magenta (21%)

Yellow (23%)

Black (20%)



Cyan (20%)


Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1467, 0.3573, 0.3342 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 41.1467, 0.3573, 0.3342 by changing the saturation by 10% instead.


 41.1467, 0.3573,
0.3342

 41.1467, 0.3573,
0.3342


350.9334, 0.3344,
0.3319

 28.4337, 0.3632,
0.3347


 76.9065, 0.3488,
0.3334

 18.6529, 0.3710,
0.3352


 100.7222, 0.3457,
0.3331

 11.4197, 0.3815,
0.3358


129.0075, 0.3430,
0.3329

 6.3499, 0.3966,
0.3363

162.1470, 0.3408,
0.3326

 3.0590, 0.4200,
0.3365

200.5249, 0.3388,
0.3324

 1.1626, 0.4645,
0.3375

244.5256, 0.3372,

 0.0308, 0.9271,

0.3322

0.0729

294.5337, 0.3357,
0.3321

0.0000, 0.0000,
0.0000

41.1467, 0.3573,
0.3342

41.1467, 0.3573,
0.3342

34.4187, 0.3848,
0.3367

48.9673, 0.3349,
0.3318

28.7293, 0.4181,
0.3391

57.9201, 0.3167,
0.3295

24.0284, 0.4572,
0.3411

68.0497, 0.3020,
0.3275

20.2594, 0.5012,
0.3423

79.3967, 0.2900,
0.3256

17.3603, 0.5467,
0.3422

91.5742, 0.2827,
0.3289

■ 15.2613, 0.5882,
0.3405

■ 13.8817, 0.6192,
0.3372

■ 13.2569, 0.6340,
0.3348

Harmonies

Analogous

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



41.1467, 0.3407, 0.3138



41.1467, 0.3573, 0.3342



41.1467, 0.3613, 0.3541

Triad

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



41.1467, 0.3573, 0.3342



41.1467, 0.3072, 0.3637



41.1467, 0.2744, 0.2899

Complementary

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



41.1467, 0.3573, 0.3342



52.9349, 0.2792, 0.3237

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.



41.1467, 0.2663, 0.3013



41.1467, 0.3573, 0.3342



41.1467, 0.2848, 0.3443

Square

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



41.1467, 0.3573, 0.3342



41.1467, 0.3318, 0.3725



41.1467, 0.2700, 0.3211



41.1467, 0.2926, 0.2888

Rectangle

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



41.1467, 0.3573, 0.3342



41.1467, 0.3564, 0.3647



41.1467, 0.2700, 0.3211



41.1467, 0.2704, 0.2926

Sweetspot

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



41.1486, 0.3573, 0.3342



88.9397, 0.3246, 0.3305



41.4738, 0.3187, 0.2778



18.8424, 0.3257, 0.3307



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.



41.1486, 0.3573, 0.3342



62.5645, 0.3699, 0.3354



49.9309, 0.3512, 0.3624



11.3675, 0.3288, 0.3311



8.4043, 0.6327, 0.3358



0.4889, 0.6106, 0.3534

Inverse Universe

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



52.9349, 0.2792, 0.3237



85.4464, 0.2726, 0.3225



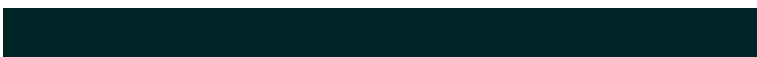
43.1427, 0.2769, 0.2931



12.5541, 0.2984, 0.3269



24.9973, 0.2172, 0.3018



1.3396, 0.2188, 0.3075

Previews

White Background



This preview shows how the Yxy color 41.1467, 0.3573, 0.3342 looks on a white background.

Color Contrast Check

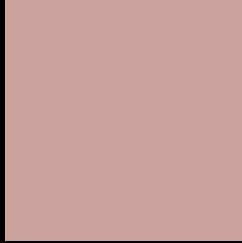
Large Text (above 18pt) WCAG AA × Fail

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 41.1467, 0.3573, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

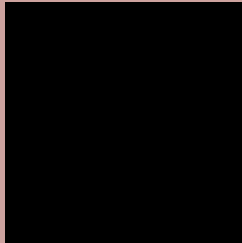
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1467, 0.3573, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 41.1467, 0.3573, 0.3342.



This preview shows how white text looks on a background with the Yxy color 41.1467, 0.3573, 0.3342.

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

41.1467, 0.3573, 0.3342

Protanopia

41.1173, 0.3250, 0.3400

Deuteranopia

41.1761, 0.3475, 0.3409



Tritanopia

41.2420, 0.3463, 0.3141

Trichromacy



Original Color

41.1467, 0.3573, 0.3342

Protanomaly

41.1433, 0.3367, 0.3384

Deuteranomaly

41.3504, 0.3516, 0.3395

Tritanomaly

41.2589, 0.3499, 0.3216

Monochromacy



Original Color

41.1467, 0.3573, 0.3342

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8909, 0.3282, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1467, 0.3573, 0.3342 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, 162, 158)` looks like.

```
.text, #text, p{  
    color:rgb(204, 162, 158)  
}
```

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, 162, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 162, 158) }
```

Border

The CSS property to change the border of an element to Yxy 41.1467, 0.3573, 0.3342 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, 162, 158) }
```

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

```
.border{ border-color:rgb(204, 162, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 162, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 162, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 162, 158);  
box-shadow:4px 4px 4px 4px rgb(204, 162,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1467, 0.3573, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 162, 158) }
```

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

```
.background{ background-color: rgb(204,  
162, 158) }
```

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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