

Converting Colors

$Yxy(41.2541, 0.3542, 0.3342)$

Have a look what the booklet for
Yxy(41.2541, 0.3542, 0.3342)
contains.

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Color

Yxy(41.2541, 0.3542, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	CAA39F
RGB	202, 163, 159
RGB Percent	79%, 64%, 62%
CMY	0.2076, 0.3608, 0.3764
CMYK	0.00, 0.19, 0.21, 0.21
HSL	6°, 29%, 71%
HSV	6°, 21%, 79%
XYZ	43.7229, 41.2541, 38.4643
YIQ	174.2050, 24.5280, 7.0240

Conversions

Conversions Part 2

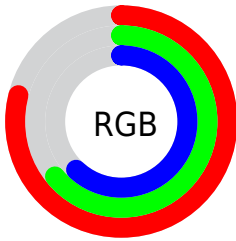
Format	Color
R _Y B	202, 163, 159
Decimal	13280159
CIE Lab	70.35, 13.76, 7.50
CIE LCh	70, 15.675, 28.598
Yxy	41.2541, 0.3542, 0.3342
Android (android.graphics.Color)	4291470239 (0xFFCAA39F)
YUV	174.2050, -7.4961, 24.3762
Hunter-Lab	64.2294, 9.1092, 9.4542

Details

The Yxy color $41.2541, 0.3542, 0.3342$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $52.0623, 0.2809, 0.3237$, and the grayscale version is $42.4712, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.2578, 0.3427, 0.3331$, and $18.6546, 0.3661, 0.3344$ is the 20% darker color. If you saturate the color by 10%, you get $34.5642, 0.3809, 0.3368$, and if you desaturate by 10%, it is $49.0069, 0.3324, 0.3317$.

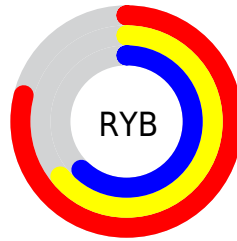
Distribution



Red (79%)

Green (64%)

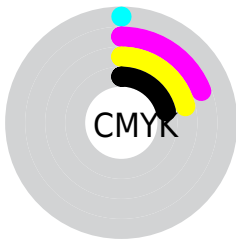
Blue (62%)



Red (79%)

Yellow (64%)

Blue (62%)

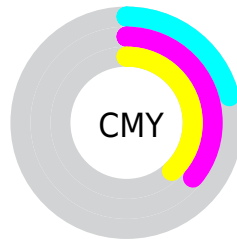


Cyan (0%)

Magenta (19%)

Yellow (21%)

Black (21%)



Cyan (21%)


Magenta (36%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2541, 0.3542, 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 41.2541, 0.3542, 0.3342 by changing the saturation by 10% instead.


 41.2541, 0.3542,
0.3342

 41.2541, 0.3542,
0.3342


351.3815, 0.3329,
0.3319

 28.5177, 0.3597,
0.3347


 77.0695, 0.3463,
0.3334

 18.7163, 0.3669,
0.3353


 100.9172, 0.3434,
0.3331

 11.4654, 0.3767,
0.3359


129.2375, 0.3409,
0.3328

 6.3808, 0.3907,
0.3366

162.4148, 0.3388,
0.3326

 3.0780, 0.4125,
0.3371

200.8335, 0.3370,
0.3324

 1.1726, 0.4531,
0.3382

244.8779, 0.3355,

 0.0391, 0.9051,

0.3322

0.0949

294.9324, 0.3341,
0.3320

0.0000, 0.0000,
0.0000

41.2541, 0.3542,
0.3342

41.2541, 0.3542,
0.3342

34.5642, 0.3809,
0.3368

49.0069, 0.3324,
0.3317

28.8855, 0.4133,
0.3394

57.8600, 0.3148,
0.3293

24.1704, 0.4516,
0.3416

67.8563, 0.3004,
0.3271

20.3654, 0.4948,
0.3430

79.0345, 0.2887,
0.3252

17.4115, 0.5402,
0.3432

91.1027, 0.2816,
0.3286

■ 15.2431, 0.5824,
0.3416

■ 91.3035, 0.2816,
0.3289

■ 13.7847, 0.6152,
0.3383

■ 13.0174, 0.6334,
0.3352

Harmonies

Analogous

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



41.2541, 0.3390, 0.3152



41.2541, 0.3542, 0.3342



41.2541, 0.3578, 0.3527

Triad

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



41.2541, 0.3542, 0.3342



41.2541, 0.3073, 0.3609



41.2541, 0.2773, 0.2926

Complementary

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



41.2541, 0.3542, 0.3342



52.0623, 0.2809, 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.



41.2541, 0.2696, 0.3031



41.2541, 0.3542, 0.3342



41.2541, 0.2865, 0.3430

Square

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



41.2541, 0.3542, 0.3342



41.2541, 0.3302, 0.3693



41.2541, 0.2729, 0.3215



41.2541, 0.2943, 0.2917

Rectangle

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



41.2541, 0.3542, 0.3342



41.2541, 0.3531, 0.3624



41.2541, 0.2729, 0.3215



41.2541, 0.2735, 0.2951

Sweetspot

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



41.2560, 0.3542, 0.3342



90.5105, 0.3227, 0.3304



41.4626, 0.3183, 0.2807



19.1610, 0.3239, 0.3306



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.



41.2560, 0.3542, 0.3342



63.8704, 0.3670, 0.3355



49.3969, 0.3488, 0.3605



11.3774, 0.3288, 0.3312



8.4301, 0.6322, 0.3363



0.4935, 0.6088, 0.3548

Inverse Universe

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



52.0623, 0.2809, 0.3237



85.6781, 0.2739, 0.3224



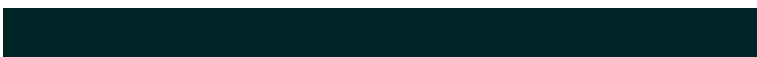
43.0612, 0.2790, 0.2953



12.5431, 0.2983, 0.3268



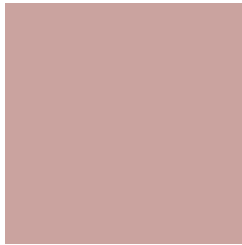
24.7012, 0.2167, 0.3000



1.3272, 0.2184, 0.3061

Previews

White Background



This preview shows how the Yxy color 41.2541, 0.3542, 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 41.2541, 0.3542, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

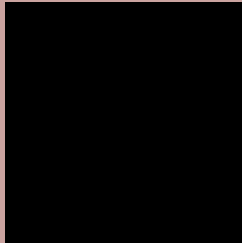
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2541, 0.3542, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 41.2541, 0.3542, 0.3342.



This preview shows how white text looks on a background with the Yxy color 41.2541, 0.3542, 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

41.2541, 0.3542, 0.3342

Protanopia

41.5325, 0.3240, 0.3400

Deuteranopia

41.2104, 0.3466, 0.3396



Tritanopia

41.3442, 0.3432, 0.3140

Trichromacy



Original Color

41.2541, 0.3542, 0.3342

Protanomaly

41.4237, 0.3346, 0.3384

Deuteranomaly

41.2492, 0.3497, 0.3382

Tritanomaly

41.3643, 0.3468, 0.3215

Monochromacy



Original Color

41.2541, 0.3542, 0.3342

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8044, 0.3264, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2541, 0.3542, 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(202, 163, 159)` looks like.

```
.text, #text, p{  
    color:rgb(202, 163, 159)  
}
```

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(202, 163, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 163, 159) }
```

Border

The CSS property to change the border of an element to Yxy 41.2541, 0.3542, 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(202, 163, 159) }
```

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

```
.border{ border-color:rgb(202, 163, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 163, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 163, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 163, 159);  
box-shadow:4px 4px 4px 4px rgb(202, 163,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2541, 0.3542, 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(202, 163, 159) }
```

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

```
.background{ background-color: rgb(202,  
163, 159) }
```

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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