

Converting Colors

$Y_{xy}(41.1821, 0.3635, 0.3290)$

Have a look what the booklet for
Yxy(41.1821, 0.3635, 0.3290)
contains.

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Color

Yxy(41.1484, 0.3641, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	D39F9F
RGB	211, 159, 159
RGB Percent	83%, 62%, 62%
CMY	0.1727, 0.3764, 0.3765
CMYK	0.00, 0.25, 0.25, 0.17
HSL	0°, 37%, 73%
HSV	0°, 25%, 83%
XYZ	45.5107, 41.1484, 38.3360
YIQ	174.5480, 30.9920, 11.0240

Conversions

Conversions Part 2

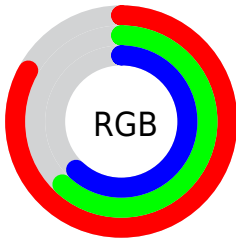
Format	Color
R_{YB}	211, 159, 159
Decimal	13868959
CIE _{Lab}	70.28, 19.27, 7.53
CIE _{LCh}	70, 20.691, 21.350
Yxy	41.1484, 0.3641, 0.3292
Android (android.graphics.Color)	4292059039 (0xFFD39F9F)
YUV	174.5480, -7.6652, 31.9684
Hunter-Lab	64.1470, 14.3841, 9.4696

Details

The Yxy color $41.1484, 0.3641, 0.3292$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $58.6196, 0.2767, 0.3288$, and the grayscale version is $42.6520, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.2082, 0.3434, 0.3291$, and $18.5667, 0.3790, 0.3275$ is the 20% darker color. If you saturate the color by 10%, you get $33.8360, 0.3943, 0.3293$, and if you desaturate by 10%, it is $49.8259, 0.3398, 0.3291$.

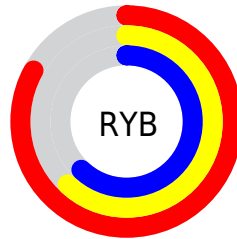
Distribution



Red (83%)

Green (62%)

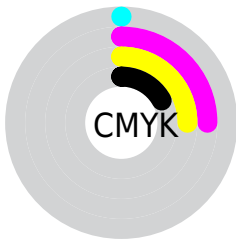
Blue (62%)



Red (83%)

Yellow (62%)

Blue (62%)

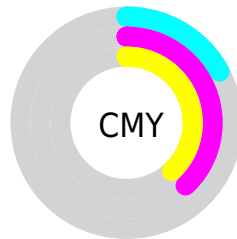


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (17%)



Cyan (17%)

Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1484, 0.3641, 0.3292 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 41.1484, 0.3641, 0.3292 by changing the saturation by 10% instead.


 41.1484, 0.3641,
0.3292

 41.1484, 0.3641,
0.3292


350.9405, 0.3377,
0.3295

 28.4351, 0.3709,
0.3290


 76.9091, 0.3543,
0.3294

 18.6539, 0.3799,
0.3286


 100.7253, 0.3507,
0.3295

 11.4204, 0.3920,
0.3279


129.0112, 0.3477,
0.3295

 6.3504, 0.4093,
0.3266

162.1512, 0.3451,
0.3295

 3.0593, 0.4362,
0.3238

200.5298, 0.3428,
0.3295

 1.1628, 0.4857,
0.3189

244.5312, 0.3409,

 0.0310, 0.9417,

0.3296

0.0583

294.5400, 0.3392,
0.3295

0.0000, 0.0000,
0.0000

41.1484, 0.3641,
0.3292

41.1484, 0.3641,
0.3292

33.8360, 0.3943,
0.3293

49.8259, 0.3398,
0.3291

27.8138, 0.4311,
0.3294

59.9270, 0.3204,
0.3290

23.0088, 0.4743,
0.3296

71.5136, 0.3048,
0.3290

19.3382, 0.5219,
0.3297

84.6422, 0.2924,
0.3289

16.7087, 0.5688,
0.3299

92.5833, 0.2866,
0.3289

■ 15.0126, 0.6077,
0.3300

■ 14.1184, 0.6320,
0.3300

■ 13.8470, 0.6400,
0.3300

Harmonies

Analogous

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



41.1484, 0.3408, 0.3054



41.1484, 0.3641, 0.3292



41.1484, 0.3729, 0.3541

Triad

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



41.1484, 0.3641, 0.3292



41.1484, 0.3126, 0.3758



41.1484, 0.2626, 0.2833

Complementary

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



41.1484, 0.3641, 0.3292



58.6196, 0.2767, 0.3288

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.



41.1484, 0.2560, 0.2995



41.1484, 0.3641, 0.3292



41.1484, 0.2840, 0.3541

Square

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



41.1484, 0.3641, 0.3292



41.1484, 0.3422, 0.3828



41.1484, 0.2637, 0.3254



41.1484, 0.2821, 0.2794

Rectangle

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



41.1484, 0.3641, 0.3292



41.1484, 0.3691, 0.3684



41.1484, 0.2637, 0.3254



41.1484, 0.2589, 0.2874

Sweetspot

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



41.1503, 0.3641, 0.3292



88.0467, 0.3247, 0.3291



43.3347, 0.3156, 0.2681



18.6364, 0.3258, 0.3291



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.



41.1503, 0.3641, 0.3292



56.5590, 0.3805, 0.3293



51.0322, 0.3566, 0.3607



11.8097, 0.3291, 0.3291



8.3607, 0.6400, 0.3300



0.4680, 0.6398, 0.3302

Inverse Universe

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



58.6196, 0.2767, 0.3288



88.2253, 0.2693, 0.3288



46.7567, 0.2738, 0.2950



13.4054, 0.2983, 0.3289



30.9049, 0.2246, 0.3285



1.7285, 0.2246, 0.3285

Previews

White Background



This preview shows how the Yxy color 41.1484, 0.3641, 0.3292 looks on a white background.

Color Contrast Check

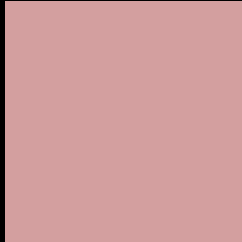
Large Text (above 18pt) WCAG AA × Fail

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 41.1484, 0.3641, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

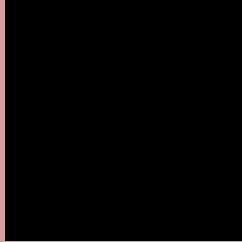
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1484, 0.3641, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 41.1484, 0.3641, 0.3292.



This preview shows how white text looks on a background with the Yxy color 41.1484, 0.3641, 0.3292.

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

41.1484, 0.3641, 0.3292

Protanopia

41.2261, 0.3224, 0.3359

Deuteranopia

41.2104, 0.3466, 0.3396



Tritanopia

40.9756, 0.3557, 0.3144

Trichromacy



Original Color

41.1484, 0.3641, 0.3292

Protanomaly

41.1006, 0.3369, 0.3344

Deuteranomaly

40.9424, 0.3532, 0.3356

Tritanomaly

41.1674, 0.3594, 0.3205

Monochromacy



Original Color

41.1484, 0.3641, 0.3292

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.9319, 0.3303, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1484, 0.3641, 0.3292 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(211, 159, 159)` looks like.

```
.text, #text, p{  
    color:rgb(211, 159, 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(211, 159, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 159, 159) }
```

Border

The CSS property to change the border of an element to Yxy 41.1484, 0.3641, 0.3292 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(211, 159, 159) }
```

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

```
.border{ border-color:rgb(211, 159, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 159, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 159, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 159, 159);  
box-shadow:4px 4px 4px 4px rgb(211, 159,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1484, 0.3641, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 159, 159) }
```

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

```
.background{ background-color: rgb(211,  
159, 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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