

Converting Colors

$Yxy(41.4095, 0.3627, 0.3323)$

Have a look what the booklet for
Yxy(41.4095, 0.3627, 0.3323)
contains.

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Color

Yxy(41.5137, 0.3626, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	D1A19E
RGB	209, 161, 158
RGB Percent	82%, 63%, 62%
CMY	0.1803, 0.3687, 0.3804
CMYK	0.00, 0.23, 0.24, 0.18
HSL	4°, 36%, 72%
HSV	4°, 24%, 82%
XYZ	45.2174, 41.5137, 37.9721
YIQ	175.0100, 29.5710, 9.2430

Conversions

Conversions Part 2

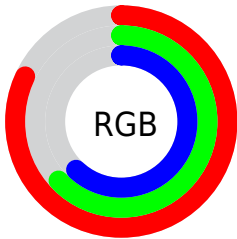
Format	Color
R _Y B	209, 161, 158
Decimal	13738398
CIE Lab	70.53, 17.33, 8.42
CIE LCh	71, 19.269, 25.912
Yxy	41.5137, 0.3626, 0.3329
Android (android.graphics.Color)	4291928478 (0xFFD1A19E)
YUV	175.0100, -8.3859, 29.8092
Hunter-Lab	64.4311, 12.5158, 10.1596

Details

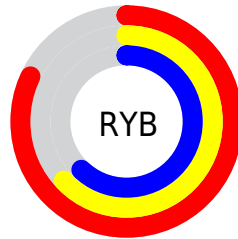
The Yxy color $41.5137, 0.3626, 0.3329$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $56.0314, 0.2767, 0.3251$, and the grayscale version is $42.9097, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.1758, 0.3438, 0.3321$, and $18.8688, 0.3780, 0.3326$ is the 20% darker color. If you saturate the color by 10%, you get $34.5127, 0.3917, 0.3346$, and if you desaturate by 10%, it is $49.7228, 0.3390, 0.3312$.

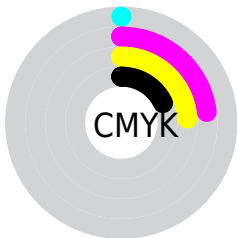
Distribution



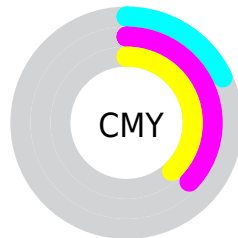
- Red (82%)
- Green (63%)
- Blue (62%)



- Red (82%)
- Yellow (63%)
- Blue (62%)



- Cyan (0%)
- Magenta (23%)
- Yellow (24%)
- Black (18%)





- Cyan (18%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5137, 0.3626, 0.3329 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 41.5137, 0.3626, 0.3329 by changing the saturation by 10% instead.


 41.5137, 0.3626,
0.3329

 41.5137, 0.3626,
0.3329


352.4631, 0.3370,
0.3314

 28.7207, 0.3692,
0.3331


 77.4631, 0.3531,
0.3324

 18.8696, 0.3778,
0.3334


 101.3883, 0.3496,
0.3322

 11.5761, 0.3896,
0.3335


129.7930, 0.3467,
0.3321

 6.4557, 0.4063,
0.3334

163.0616, 0.3441,
0.3319

 3.1241, 0.4322,
0.3324

201.5785, 0.3420,
0.3317

 1.1969, 0.4805,
0.3311

245.7281, 0.3401,

 0.0592, 0.8901,

0.3316

0.1099

295.8949, 0.3384,
0.3315

0.0000, 0.0000,
0.0000

41.5137, 0.3626,
0.3329

41.5137, 0.3626,
0.3329

34.5127, 0.3917,
0.3346

49.7228, 0.3390,
0.3312

28.6575, 0.4269,
0.3362

59.1871, 0.3199,
0.3297

23.8886, 0.4681,
0.3375

69.9585, 0.3045,
0.3282

20.1393, 0.5137,
0.3382

82.0838, 0.2921,
0.3269

17.3352, 0.5597,
0.3379

92.3004, 0.2855,
0.3289

■ 15.3918, 0.5996,
0.3364

■ 14.2099, 0.6268,
0.3338

■ 13.8306, 0.6364,
0.3329

Harmonies

Analogous

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



41.5137, 0.3427, 0.3101



41.5137, 0.3626, 0.3329



41.5137, 0.3684, 0.3558

Triad

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



41.5137, 0.3626, 0.3329



41.5137, 0.3084, 0.3700



41.5137, 0.2681, 0.2852

Complementary

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



41.5137, 0.3626, 0.3329



56.0314, 0.2767, 0.3251

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.



41.5137, 0.2600, 0.2988



41.5137, 0.3626, 0.3329



41.5137, 0.2826, 0.3484

Square

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



41.5137, 0.3626, 0.3329



41.5137, 0.3363, 0.3789



41.5137, 0.2651, 0.3218



41.5137, 0.2879, 0.2833

Rectangle

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



41.5137, 0.3626, 0.3329



41.5137, 0.3634, 0.3682



41.5137, 0.2651, 0.3218



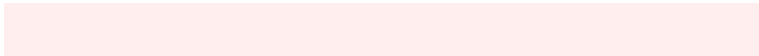
41.5137, 0.2640, 0.2885

Sweetspot

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



41.5156, 0.3626, 0.3329



88.6488, 0.3246, 0.3301



42.4902, 0.3178, 0.2715



18.7753, 0.3257, 0.3302



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.



41.5156, 0.3626, 0.3329



59.4638, 0.3761, 0.3337



51.1736, 0.3554, 0.3634



11.9182, 0.3289, 0.3304



8.5727, 0.6353, 0.3337



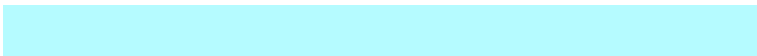
0.5194, 0.6204, 0.3456

Inverse Universe

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



56.0314, 0.2767, 0.3251



85.8257, 0.2701, 0.3242



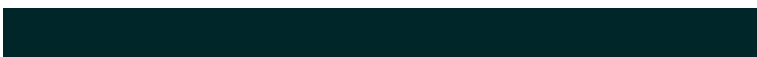
44.9046, 0.2739, 0.2919



13.2829, 0.2983, 0.3276



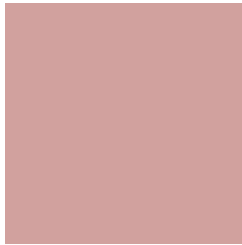
27.4287, 0.2196, 0.3107



1.5706, 0.2206, 0.3143

Previews

White Background



This preview shows how the Yxy color 41.5137, 0.3626, 0.3329 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 41.5137, 0.3626, 0.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

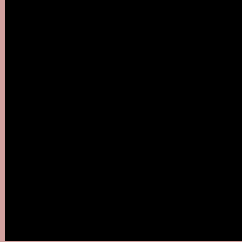
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5137, 0.3626, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 41.5137, 0.3626, 0.3329.



This preview shows how white text looks on a background with the Yxy color 41.5137, 0.3626, 0.3329.

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

41.5137, 0.3626, 0.3329

Protanopia

41.6504, 0.3249, 0.3399

Deuteranopia

41.6739, 0.3482, 0.3422



Tritanopia

41.5854, 0.3523, 0.3143

Trichromacy



Original Color

41.5137, 0.3626, 0.3329

Protanomaly

41.4327, 0.3377, 0.3370

Deuteranomaly

41.6239, 0.3536, 0.3394

Tritanomaly

41.5964, 0.3560, 0.3217

Monochromacy



Original Color

41.5137, 0.3626, 0.3329

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.1788, 0.3292, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5137, 0.3626, 0.3329 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(209, 161, 158)` looks like.

```
.text, #text, p{  
    color:rgb(209, 161, 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(209, 161, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 161, 158) }
```

Border

The CSS property to change the border of an element to Yxy 41.5137, 0.3626, 0.3329 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(209, 161, 158) }
```

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

```
.border{ border-color:rgb(209, 161, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 161, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 161, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 161, 158);  
box-shadow:4px 4px 4px 4px rgb(209, 161,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5137, 0.3626, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 161, 158) }
```

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

```
.background{ background-color: rgb(209,  
161, 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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