

Converting Colors

$Yxy(41.5826, 0.3723, 0.3471)$

Have a look what the booklet for
Yxy(41.5826, 0.3723, 0.3471)
contains.

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Color

Yxy(41.5341, 0.3720, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	D1A294
RGB	209, 162, 148
RGB Percent	82%, 64%, 58%
CMY	0.1805, 0.3646, 0.4197
CMYK	0.00, 0.22, 0.29, 0.18
HSL	14°, 40%, 70%
HSV	14°, 29%, 82%
XYZ	44.5521, 41.5341, 33.6776
YIQ	174.4570, 32.5060, 5.6100

Conversions

Conversions Part 2

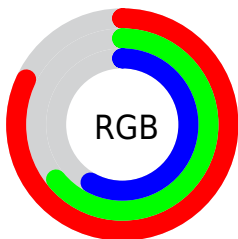
Format	Color
R _Y B	209, 166, 148
Decimal	13738644
CIE Lab	70.55, 15.35, 13.97
CIE LCh	71, 20.750, 42.302
Yxy	41.5341, 0.3720, 0.3468
Android (android.graphics.Color)	4291928724 (0xFFD1A294)
YUV	174.4570, -13.0433, 30.2942
Hunter-Lab	64.4470, 10.6148, 14.1301

Details

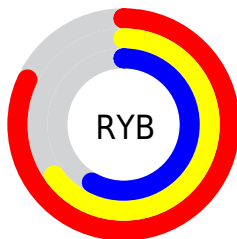
The Yxy color **41.5341, 0.3720, 0.3468** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.8947, 0.2688, 0.3104**, and the grayscale version is **42.6302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1500, 0.3516, 0.3444**, and **18.7872, 0.3902, 0.3512** is the 20% darker color. If you saturate the color by 10%, you get **35.6226, 0.4004, 0.3532**, and if you desaturate by 10%, it is **48.2940, 0.3481, 0.3404**.

Distribution



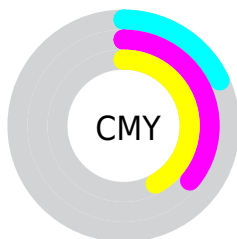
- Red (82%)
- Green (64%)
- Blue (58%)



- Red (82%)
- Yellow (65%)
- Blue (58%)



- Cyan (0%)
- Magenta (22%)
- Yellow (29%)
- Black (18%)





- Cyan (18%)
- Magenta (36%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5341, 0.3720, 0.3468 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 41.5341, 0.3720, 0.3468 by changing the saturation by 10% instead.


 41.5341, 0.3720,
0.3468

 41.5341, 0.3720,
0.3468


352.5480, 0.3415,
0.3384

 28.7367, 0.3799,
0.3487


 77.4940, 0.3607,
0.3439

 18.8817, 0.3901,
0.3510


 101.4253, 0.3566,
0.3428

 11.5848, 0.4039,
0.3538


129.8366, 0.3531,
0.3418

 6.4616, 0.4236,
0.3572

163.1124, 0.3501,
0.3409

 3.1278, 0.4535,
0.3611

201.6370, 0.3475,
0.3402

 1.1988, 0.5266,
0.3798

245.7949, 0.3452,

 0.0607, 0.8768,

0.3395

0.1232

295.9704, 0.3433,
0.3389

0.0000, 0.0000,
0.0000

41.5341, 0.3720,
0.3468

41.5341, 0.3720,
0.3468

35.6226, 0.4004,
0.3532

48.2940, 0.3481,
0.3404

30.5199, 0.4336,
0.3590

55.9283, 0.3281,
0.3343

26.1919, 0.4709,
0.3636

64.4689, 0.3115,
0.3286

22.5999, 0.5109,
0.3659

73.9446, 0.2977,
0.3233

19.7014, 0.5504,
0.3649

84.3827, 0.2861,
0.3185

■ 17.4493, 0.5850,
0.3600

■ 92.2907, 0.2855,
0.3289

■ 15.7859, 0.6112,
0.3520

■ 15.6730, 0.6131,
0.3514

Harmonies

Analogous

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



41.5341, 0.3583, 0.3217



41.5341, 0.3720, 0.3468



41.5341, 0.3688, 0.3689

Triad

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



41.5341, 0.3720, 0.3468



41.5341, 0.2921, 0.3618



41.5341, 0.2750, 0.2793

Complementary

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



41.5341, 0.3720, 0.3468



49.8947, 0.2688, 0.3104

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.



41.5341, 0.2592, 0.2870



41.5341, 0.3720, 0.3468



41.5341, 0.2686, 0.3342

Square

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



41.5341, 0.3720, 0.3468



41.5341, 0.3218, 0.3797



41.5341, 0.2569, 0.3066



41.5341, 0.3013, 0.2839

Rectangle

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



41.5341, 0.3720, 0.3468



41.5341, 0.3577, 0.3789



41.5341, 0.2569, 0.3066



41.5341, 0.2684, 0.2805

Sweetspot

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



41.5360, 0.3720, 0.3468



87.8504, 0.3279, 0.3342



38.6991, 0.3283, 0.2714



18.4071, 0.3306, 0.3351



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.



41.5360, 0.3720, 0.3468



59.2461, 0.3891, 0.3508



53.2509, 0.3619, 0.3823



12.2435, 0.3285, 0.3344



9.7919, 0.6108, 0.3533



0.6712, 0.5743, 0.3822

Inverse Universe

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



49.8947, 0.2688, 0.3104



74.4052, 0.2601, 0.3058



37.9007, 0.2644, 0.2692



12.9263, 0.2983, 0.3235



18.6864, 0.2038, 0.2535



1.1601, 0.2080, 0.2689

Previews

White Background



This preview shows how the Yxy color 41.5341, 0.3720, 0.3468 looks on a white background.

Color Contrast Check

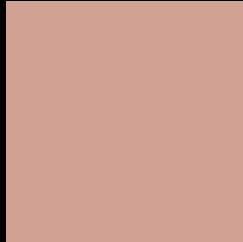
Large Text (above 18pt) WCAG AA × Fail

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 41.5341, 0.3720, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

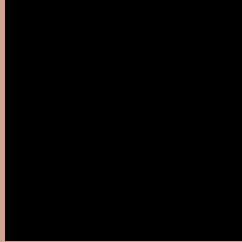
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5341, 0.3720, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 41.5341, 0.3720, 0.3468.



This preview shows how white text looks on a background with the Yxy color 41.5341, 0.3720, 0.3468.

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

41.5341, 0.3720, 0.3468

Protanopia

41.5083, 0.3364, 0.3550

Deuteranopia

41.5211, 0.3618, 0.3538



Tritanopia

41.5854, 0.3523, 0.3143

Trichromacy



Original Color

41.5341, 0.3720, 0.3468

Protanomaly

41.3160, 0.3496, 0.3517

Deuteranomaly

41.7134, 0.3660, 0.3522

Tritanomaly

41.4876, 0.3589, 0.3254

Monochromacy



Original Color

41.5341, 0.3720, 0.3468

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.0309, 0.3327, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5341, 0.3720, 0.3468 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, 162, 148)` looks like.

```
.text, #text, p{  
    color:rgb(209, 162, 148)  
}
```

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, 162, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 162, 148) }
```

Border

The CSS property to change the border of an element to Yxy 41.5341, 0.3720, 0.3468 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, 162, 148) }
```

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

```
.border{ border-color:rgb(209, 162, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 162, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 162, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 162, 148); box-shadow:4px 4px 4px 4px rgb(209, 162, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5341, 0.3720, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 162, 148) }
```

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

```
.background{ background-color: rgb(209,  
162, 148) }
```

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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