

Converting Colors

$Y_{xy}(41.3092, 0.3685, 0.3174)$

Have a look what the booklet for
Yxy(41.3092, 0.3685, 0.3174)
contains.

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Color

Yxy(41.3749, 0.3682, 0.3172)

Conversions

Conversions Part 1

Format	Color
Hex	DC9BA5
RGB	220, 155, 165
RGB Percent	86%, 61%, 65%
CMY	0.1372, 0.3921, 0.3531
CMYK	0.00, 0.30, 0.25, 0.14
HSL	351°, 48%, 74%
HSV	351°, 30%, 86%
XYZ	48.0272, 41.3749, 41.0358
YIQ	175.5750, 35.5300, 16.8900

Conversions

Conversions Part 2

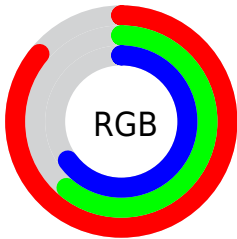
Format	Color
R _{YB}	220, 155, 165
Decimal	14457765
CIE Lab	70.44, 25.67, 4.57
CIE LCh	70, 26.074, 10.084
Yxy	41.3749, 0.3682, 0.3172
Android (android.graphics.Color)	4292647845 (0xFFDC9BA5)
YUV	175.5750, -5.2135, 38.9607
Hunter-Lab	64.3233, 20.7118, 7.2016

Details

The Yxy color **41.3749, 0.3682, 0.3172** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.8151, 0.2758, 0.3413**, and the grayscale version is **43.1975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.5205, 0.3396, 0.3190**, and **18.7853, 0.3860, 0.3133** is the 20% darker color. If you saturate the color by 10%, you get **34.0791, 0.3962, 0.3131**, and if you desaturate by 10%, it is **50.1075, 0.3454, 0.3214**.

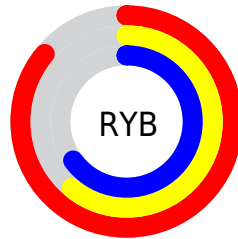
Distribution



Red (86%)

Green (61%)

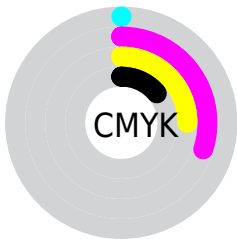
Blue (65%)



Red (86%)

Yellow (61%)

Blue (65%)

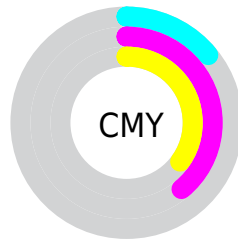


Cyan (0%)

Magenta (30%)

Yellow (25%)

Black (14%)



Cyan (14%)


Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3749, 0.3682, 0.3172 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 41.3749, 0.3682, 0.3172 by changing the saturation by 10% instead.


 41.3749, 0.3682,
0.3172


 41.3749, 0.3682,
0.3172


351.8851, 0.3397,
0.3236

 28.6121, 0.3755,
0.3155


 77.2527, 0.3577,
0.3196

 18.7876, 0.3851,
0.3131


 101.1365, 0.3538,
0.3205

 11.5169, 0.3980,
0.3099


129.4961, 0.3505,
0.3212

 6.4156, 0.4164,
0.3051

162.7159, 0.3477,
0.3218

 3.0994, 0.4448,
0.2972

201.1803, 0.3453,
0.3224

 1.1839, 0.4937,
0.2824

245.2737, 0.3432,

 0.0485, 0.9328,

0.3228

0.0672

295.3805, 0.3414,
0.3232

■ 0.0000, 0.0000,
0.0000

■ 41.3749, 0.3682,
0.3172

■ 41.3749, 0.3682,
0.3172

■ 34.0791, 0.3962,
0.3131

■ 50.1075, 0.3454,
0.3214

■ 28.1375, 0.4299,
0.3095

■ 60.3420, 0.3270,
0.3254

■ 23.4680, 0.4690,
0.3070

■ 72.1467, 0.3121,
0.3292

■ 19.9773, 0.5118,
0.3062

■ 85.5840, 0.3001,
0.3326

■ 17.5593, 0.5547,
0.3080

■ 93.9569, 0.2917,
0.3289

■ 16.0885, 0.5922,
0.3127

■ 15.3573, 0.6197,
0.3191

■ 15.3307, 0.6207,
0.3193

Harmonies

Analogous

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



41.3749, 0.3339, 0.2902



41.3749, 0.3682, 0.3172



41.3749, 0.3870, 0.3482

Triad

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



41.3749, 0.3682, 0.3172



41.3749, 0.3265, 0.3944



41.3749, 0.2453, 0.2775

Complementary

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



41.3749, 0.3682, 0.3172



62.8151, 0.2758, 0.3413

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.



41.3749, 0.2438, 0.3025



41.3749, 0.3682, 0.3172



41.3749, 0.2891, 0.3731

Square

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



41.3749, 0.3682, 0.3172



41.3749, 0.3615, 0.3947



41.3749, 0.2593, 0.3379



41.3749, 0.2636, 0.2674

Rectangle

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



41.3749, 0.3682, 0.3172



41.3749, 0.3876, 0.3679



41.3749, 0.2593, 0.3379



41.3749, 0.2429, 0.2843

Sweetspot

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



41.3768, 0.3682, 0.3172



85.0324, 0.3262, 0.3256



42.1930, 0.3065, 0.2536



17.7193, 0.3286, 0.3250



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.



41.3768, 0.3682, 0.3172



51.7136, 0.3836, 0.3148



48.8989, 0.3709, 0.3550



13.0839, 0.3268, 0.3254



9.0071, 0.6178, 0.3177



0.5939, 0.5774, 0.2955

Inverse Universe

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



41.3768, 0.3682, 0.3172



51.7136, 0.3836, 0.3148



52.6808, 0.2672, 0.3014



13.0839, 0.3268, 0.3254



9.0071, 0.6178, 0.3177



0.5939, 0.5774, 0.2955

Previews

White Background



This preview shows how the Yxy color 41.3749, 0.3682, 0.3172 looks on a white background.

Color Contrast Check

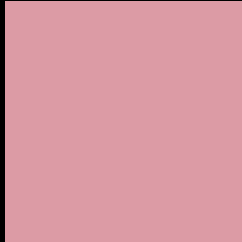
Large Text (above 18pt) WCAG AA × Fail

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 41.3749, 0.3682, 0.3172 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 41.3749, 0.3682, 0.3172

Background



This preview shows how black text looks on a background with the Yxy color 41.3749, 0.3682, 0.3172.



This preview shows how white text looks on a background with the Yxy color 41.3749, 0.3682, 0.3172.

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

41.3749, 0.3682, 0.3172

Protanopia

41.6750, 0.3137, 0.3263

Deuteranopia

41.6192, 0.3408, 0.3343



Tritanopia

41.4484, 0.3661, 0.3148

Trichromacy



Original Color

41.3749, 0.3682, 0.3172

Protanomaly

41.2891, 0.3318, 0.3225

Deuteranomaly

41.5712, 0.3504, 0.3278

Tritanomaly

41.4115, 0.3671, 0.3160

Monochromacy



Original Color

41.3749, 0.3682, 0.3172

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.1903, 0.3315, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3749, 0.3682, 0.3172 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(220, 155, 165)` looks like.

```
.text, #text, p{  
    color:rgb(220, 155, 165)  
}
```

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(220, 155, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 155, 165) }
```

Border

The CSS property to change the border of an element to Yxy 41.3749, 0.3682, 0.3172 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(220, 155, 165) }
```

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

```
.border{ border-color:rgb(220, 155, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 155, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 155, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 155, 165);  
box-shadow:4px 4px 4px 4px rgb(220, 155,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3749, 0.3682, 0.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 155, 165) }
```

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

```
.background{ background-color: rgb(220,  
155, 165) }
```

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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