

Converting Colors

$Y_{xy}(41.5769, 0.3693, 0.3219)$

Have a look what the booklet for
Yxy(41.5769, 0.3693, 0.3219)
contains.

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Color

Yxy(41.4456, 0.3699, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	DB9CA2
RGB	219, 156, 162
RGB Percent	86%, 61%, 64%
CMY	0.1412, 0.3882, 0.3646
CMYK	0.00, 0.29, 0.26, 0.14
HSL	354°, 47%, 74%
HSV	354°, 29%, 86%
XYZ	47.6257, 41.4456, 39.6817
YIQ	175.5210, 35.6220, 15.2220

Conversions

Conversions Part 2

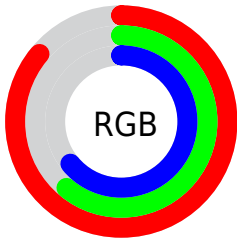
Format	Color
R _Y B	219, 156, 162
Decimal	14392482
CIE Lab	70.49, 24.35, 6.26
CIE LCh	70, 25.137, 14.413
Yxy	41.4456, 0.3699, 0.3219
Android (android.graphics.Color)	4292582562 (0xFFDB9CA2)
YUV	175.5210, -6.6659, 38.1311
Hunter-Lab	64.3783, 19.3888, 8.5194

Details

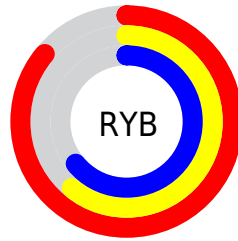
The Yxy color **41.4456, 0.3699, 0.3219** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.5365, 0.2746, 0.3364**, and the grayscale version is **43.1769, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8583, 0.3416, 0.3230**, and **18.8129, 0.3885, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **34.0983, 0.3995, 0.3194**, and if you desaturate by 10%, it is **50.2328, 0.3458, 0.3245**.

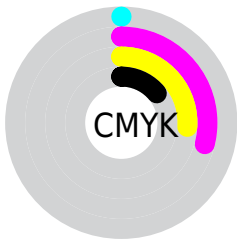
Distribution



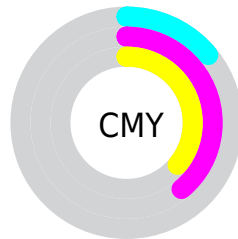
- Red (86%)
- Green (61%)
- Blue (64%)



- Red (86%)
- Yellow (61%)
- Blue (64%)



- Cyan (0%)
- Magenta (29%)
- Yellow (26%)
- Black (14%)



- Cyan (14%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.4456, 0.3699, 0.3219 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 41.4456, 0.3699, 0.3219 by changing the saturation by 10% instead.


 41.4456, 0.3699,
0.3219


 41.4456, 0.3699,
0.3219


352.1796, 0.3405,
0.3260

 28.6674, 0.3775,
0.3207


 77.3599, 0.3591,
0.3235

 18.8294, 0.3873,
0.3191


 101.2648, 0.3550,
0.3241

 11.5471, 0.4007,
0.3167


129.6473, 0.3517,
0.3245

 6.4361, 0.4198,
0.3131

162.8920, 0.3488,
0.3249

 3.1120, 0.4491,
0.3069

201.3832, 0.3463,
0.3252

 1.1905, 0.5004,
0.2948

245.5052, 0.3441,

 0.0539, 0.9229,

0.3255

0.0771

295.6426, 0.3422,
0.3258

0.0000, 0.0000,
0.0000

41.4456, 0.3699,
0.3219

41.4456, 0.3699,
0.3219

34.0983, 0.3995,
0.3194

50.2328, 0.3458,
0.3245

28.1086, 0.4352,
0.3172

60.5248, 0.3265,
0.3270

23.3950, 0.4767,
0.3157

72.3897, 0.3110,
0.3293

19.8648, 0.5218,
0.3155

85.8895, 0.2985,
0.3314

17.4126, 0.5662,
0.3169

93.8007, 0.2911,
0.3289

■ 15.9146, 0.6035,
0.3202

■ 15.1826, 0.6283,
0.3244

■ 15.1146, 0.6306,
0.3248

Harmonies

Analogous

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



41.4456, 0.3385, 0.2949



41.4456, 0.3699, 0.3219



41.4456, 0.3852, 0.3519

Triad

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



41.4456, 0.3699, 0.3219



41.4456, 0.3208, 0.3901



41.4456, 0.2493, 0.2770

Complementary

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



41.4456, 0.3699, 0.3219



62.5365, 0.2746, 0.3364

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.



41.4456, 0.2453, 0.2993



41.4456, 0.3699, 0.3219



41.4456, 0.2852, 0.3670

Square

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



41.4456, 0.3699, 0.3219



41.4456, 0.3555, 0.3935



41.4456, 0.2580, 0.3325



41.4456, 0.2691, 0.2693

Rectangle

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



41.4456, 0.3699, 0.3219



41.4456, 0.3837, 0.3704



41.4456, 0.2580, 0.3325



41.4456, 0.2461, 0.2829

Sweetspot

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



41.4475, 0.3699, 0.3219



84.9559, 0.3270, 0.3269



42.9940, 0.3104, 0.2565



17.7006, 0.3296, 0.3265



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.



41.4475, 0.3699, 0.3219



51.5085, 0.3886, 0.3202



50.5912, 0.3676, 0.3592



13.0716, 0.3277, 0.3268



8.9690, 0.6285, 0.3236



0.5881, 0.5991, 0.3074

Inverse Universe

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



41.4475, 0.3699, 0.3219



51.5085, 0.3886, 0.3202



50.6787, 0.2678, 0.2967



13.0716, 0.3277, 0.3268



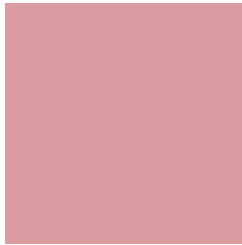
8.9690, 0.6285, 0.3236



0.5881, 0.5991, 0.3074

Previews

White Background



This preview shows how the Yxy color 41.4456, 0.3699, 0.3219 looks on a white background.

Color Contrast Check

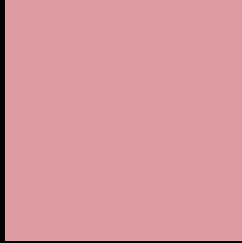
Large Text (above 18pt) WCAG AA × Fail

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 41.4456, 0.3699, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

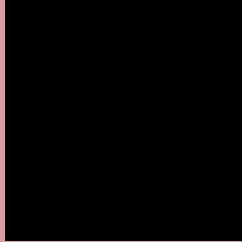
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4456, 0.3699, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 41.4456, 0.3699, 0.3219.



This preview shows how white text looks on a background with the Yxy color 41.4456, 0.3699, 0.3219.

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

41.4456, 0.3699, 0.3219

Protanopia

41.6754, 0.3172, 0.3304

Deuteranopia

41.6448, 0.3445, 0.3383



Tritanopia

41.4484, 0.3661, 0.3148

Trichromacy



Original Color

41.4456, 0.3699, 0.3219

Protanomaly

41.3061, 0.3354, 0.3265

Deuteranomaly

41.4641, 0.3532, 0.3317

Tritanomaly

41.3749, 0.3682, 0.3172

Monochromacy



Original Color

41.4456, 0.3699, 0.3219

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.5227, 0.3322, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4456, 0.3699, 0.3219 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(219, 156, 162)` looks like.

```
.text, #text, p{  
    color:rgb(219, 156, 162)  
}
```

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(219, 156, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 156, 162) }
```

Border

The CSS property to change the border of an element to Yxy 41.4456, 0.3699, 0.3219 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(219, 156, 162) }
```

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

```
.border{ border-color:rgb(219, 156, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 156, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 156, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 156, 162);  
box-shadow:4px 4px 4px 4px rgb(219, 156,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4456, 0.3699, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 156, 162) }
```

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

```
.background{ background-color: rgb(219,  
156, 162) }
```

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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