

Converting Colors

$Yxy(43.1595, 0.3694, 0.3219)$

Have a look what the booklet for
Yxy(43.1595, 0.3694, 0.3219)
contains.

Yxy(43.2009, 0.3699, 0.3221)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.2009, 0.3699, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	DF9FA5
RGB	223, 159, 165
RGB Percent	87%, 62%, 65%
CMY	0.1256, 0.3764, 0.3530
CMYK	0.00, 0.29, 0.26, 0.13
HSL	354°, 50%, 75%
HSV	354°, 29%, 87%
XYZ	49.6120, 43.2009, 41.3098
YIQ	178.8200, 36.2180, 15.4340

Conversions

Conversions Part 2

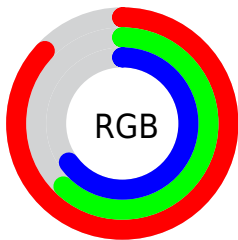
Format	Color
R _Y B	223, 159, 165
Decimal	14655397
CIE Lab	71.69, 24.60, 6.41
CIE LCh	72, 25.422, 14.594
Yxy	43.2009, 0.3699, 0.3221
Android (android.graphics.Color)	4292845477 (0xFFDF9FA5)
YUV	178.8200, -6.8133, 38.7459
Hunter-Lab	65.7274, 19.7114, 8.7453

Details

The Yxy color **43.2009, 0.3699, 0.3221** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65.1420, 0.2746, 0.3362**, and the grayscale version is **45.0010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5204, 0.3390, 0.3230**, and **19.9231, 0.3881, 0.3198** is the 20% darker color. If you saturate the color by 10%, you get **35.5334, 0.3996, 0.3197**, and if you desaturate by 10%, it is **52.3721, 0.3458, 0.3246**.

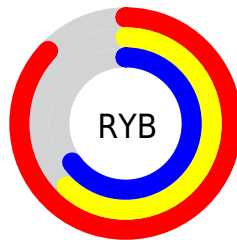
Distribution



Red (87%)

Green (62%)

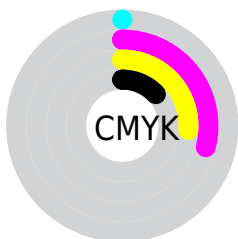
Blue (65%)



Red (87%)

Yellow (62%)

Blue (65%)

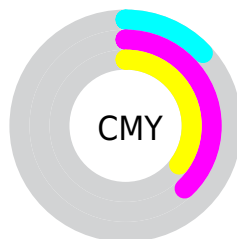


Cyan (0%)

Magenta (29%)

Yellow (26%)

Black (13%)



Cyan (13%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2009, 0.3699, 0.3221 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 43.2009, 0.3699, 0.3221 by changing the saturation by 10% instead.


 43.2009, 0.3699,
0.3221


 43.2009, 0.3699,
0.3221


359.4373, 0.3407,
0.3261

 30.0428, 0.3774,
0.3210


 80.0139, 0.3592,
0.3237

 19.8711, 0.3870,
0.3194


 104.4376, 0.3552,
0.3242

 12.3014, 0.4000,
0.3171


133.3853, 0.3518,
0.3247

 6.9493, 0.4185,
0.3137

167.2414, 0.3490,
0.3250

 3.4304, 0.4466,
0.3078

206.3902, 0.3465,
0.3253

 1.3603, 0.4942,
0.2963

251.2162, 0.3443,

 0.1872, 0.8061,

0.3256

0.1939

302.1038, 0.3424,
0.3258

0.0000, 0.0000,
0.0000

43.2009, 0.3699,
0.3221

43.2009, 0.3699,
0.3221

35.5334, 0.3996,
0.3197

52.3721, 0.3458,
0.3246

29.2835, 0.4354,
0.3175

63.1147, 0.3264,
0.3270

24.3661, 0.4771,
0.3161

75.4998, 0.3109,
0.3293

20.6843, 0.5223,
0.3159

89.5923, 0.2983,
0.3314

18.1280, 0.5668,
0.3173

94.4229, 0.2934,
0.3289

■ 16.5678, 0.6040,
0.3205

■ 15.8104, 0.6287,
0.3247

■ 15.7361, 0.6311,
0.3250

Harmonies

Analogous

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



43.2009, 0.3386, 0.2951



43.2009, 0.3699, 0.3221



43.2009, 0.3850, 0.3520

Triad

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



43.2009, 0.3699, 0.3221



43.2009, 0.3205, 0.3899



43.2009, 0.2495, 0.2771

Complementary

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



43.2009, 0.3699, 0.3221



65.1420, 0.2746, 0.3362

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.



43.2009, 0.2455, 0.2992



43.2009, 0.3699, 0.3221



43.2009, 0.2851, 0.3668

Square

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



43.2009, 0.3699, 0.3221



43.2009, 0.3552, 0.3934



43.2009, 0.2581, 0.3322



43.2009, 0.2694, 0.2695

Rectangle

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



43.2009, 0.3699, 0.3221



43.2009, 0.3835, 0.3705



43.2009, 0.2581, 0.3322



43.2009, 0.2463, 0.2829

Sweetspot

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



43.2029, 0.3699, 0.3221



84.9526, 0.3271, 0.3269



44.8167, 0.3104, 0.2567



17.6998, 0.3297, 0.3266



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.



43.2029, 0.3699, 0.3221



52.5255, 0.3857, 0.3207



52.7181, 0.3675, 0.3591



13.7212, 0.3277, 0.3268



9.2628, 0.6291, 0.3239



0.6493, 0.6017, 0.3088

Inverse Universe

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



43.2029, 0.3699, 0.3221



52.5255, 0.3857, 0.3207



52.8091, 0.2679, 0.2968



13.7212, 0.3277, 0.3268



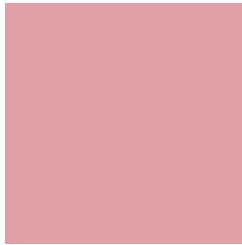
9.2628, 0.6291, 0.3239



0.6493, 0.6017, 0.3088

Previews

White Background



This preview shows how the Yxy color 43.2009, 0.3699, 0.3221 looks on a white background.

Color Contrast Check

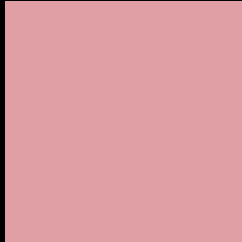
Large Text (above 18pt) WCAG AA × Fail

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 43.2009, 0.3699, 0.3221 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 43.2009, 0.3699, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 43.2009, 0.3699, 0.3221.



This preview shows how white text looks on a background with the Yxy color 43.2009, 0.3699, 0.3221.

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

43.2009, 0.3699, 0.3221

Protanopia

43.4192, 0.3180, 0.3304

Deuteranopia

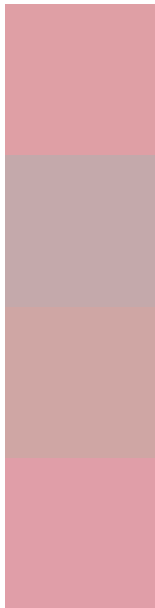
43.3996, 0.3449, 0.3381



Tritanopia

43.2033, 0.3662, 0.3150

Trichromacy



Original Color

43.2009, 0.3699, 0.3221

Protanomaly

43.0520, 0.3360, 0.3265

Deuteranomaly

43.2182, 0.3535, 0.3316

Tritanomaly

43.1282, 0.3682, 0.3174

Monochromacy



Original Color

43.2009, 0.3699, 0.3221

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.1631, 0.3319, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2009, 0.3699, 0.3221 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(223, 159, 165)` looks like.

```
.text, #text, p{  
    color:rgb(223, 159, 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(223, 159, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 159, 165) }
```

Border

The CSS property to change the border of an element to Yxy 43.2009, 0.3699, 0.3221 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(223, 159, 165) }
```

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

```
.border{ border-color:rgb(223, 159, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 159, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 159, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 159, 165);  
box-shadow:4px 4px 4px 4px rgb(223, 159,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2009, 0.3699, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 159, 165) }
```

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

```
.background{ background-color: rgb(223,  
159, 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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