

Converting Colors

$Yxy(40.5362, 0.3739, 0.3208)$

Have a look what the booklet for
Yxy(40.5362, 0.3739, 0.3208)
contains.

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Color

Yxy(40.5362, 0.3739, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	DC99A0
RGB	220, 153, 160
RGB Percent	86%, 60%, 63%
CMY	0.1373, 0.3999, 0.3727
CMYK	0.00, 0.30, 0.27, 0.14
HSL	354°, 49%, 73%
HSV	354°, 30%, 86%
XYZ	47.2459, 40.5362, 38.5776
YIQ	173.8310, 37.6850, 16.3810

Conversions

Conversions Part 2

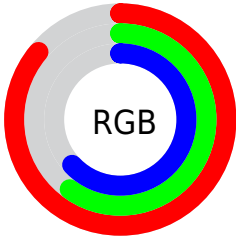
Format	Color
RYB	220, 153, 160
Decimal	14457248
CIELab	69.85, 26.03, 6.50
CIELCh	70, 26.832, 14.009
Yxy	40.5362, 0.3739, 0.3208
Android (android.graphics.Color)	4292647328 (0xFFDC99A0)
YUV	173.8310, -6.8187, 40.4902
Hunter-Lab	63.6680, 21.0397, 8.6427

Details

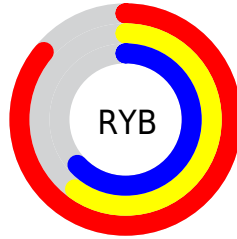
The Yxy color **40.5362, 0.3739, 0.3208** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.7579, 0.2729, 0.3376**, and the grayscale version is **42.2575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2780, 0.3436, 0.3220**, and **18.3040, 0.3929, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **33.3517, 0.4042, 0.3181**, and if you desaturate by 10%, it is **49.1614, 0.3492, 0.3236**.

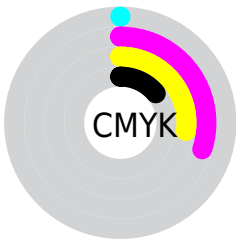
Distribution



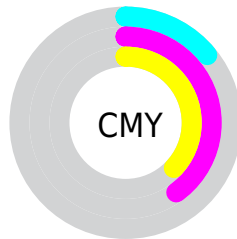
- Red (86%)
- Green (60%)
- Blue (63%)



- Red (86%)
- Yellow (60%)
- Blue (63%)



- Cyan (0%)
- Magenta (30%)
- Yellow (27%)
- Black (14%)




- Cyan (14%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5362, 0.3739, 0.3208 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 40.5362, 0.3739, 0.3208 by changing the saturation by 10% instead.


 40.5362, 0.3739,
0.3208


 40.5362, 0.3739,
0.3208


348.3784, 0.3424,
0.3255

 27.9569, 0.3821,
0.3194


 75.9793, 0.3622,
0.3227

 18.2931, 0.3927,
0.3175


 99.6119, 0.3579,
0.3233

 11.1607, 0.4072,
0.3148


127.6977, 0.3543,
0.3238

 6.1750, 0.4279,
0.3106

160.6211, 0.3512,
0.3243

 2.9518, 0.4600,
0.3033

198.7664, 0.3485,
0.3247

 1.1066, 0.5177,
0.2901

242.5182, 0.3462,

 0.0000, 1.0000,

0.3250

0.0000

292.2607, 0.3442,
0.3253

0.0000, 0.0000,
0.0000

40.5362, 0.3739,
0.3208

40.5362, 0.3739,
0.3208

33.3517, 0.4042,
0.3181

49.1614, 0.3492,
0.3236

27.5239, 0.4406,
0.3158

59.2939, 0.3293,
0.3263

22.9692, 0.4825,
0.3143

71.0029, 0.3133,
0.3289

19.5922, 0.5276,
0.3143

84.3517, 0.3005,
0.3312

17.2840, 0.5712,
0.3161

93.9532, 0.2917,
0.3289

■ 15.9154, 0.6069,
0.3199

■ 15.2745, 0.6295,
0.3241

Harmonies

Analogous

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



40.5362, 0.3398, 0.2921



40.5362, 0.3739, 0.3208



40.5362, 0.3906, 0.3528

Triad

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



40.5362, 0.3739, 0.3208



40.5362, 0.3217, 0.3953



40.5362, 0.2446, 0.2734

Complementary

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



40.5362, 0.3739, 0.3208



62.7579, 0.2729, 0.3376

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.



40.5362, 0.2406, 0.2973



40.5362, 0.3739, 0.3208



40.5362, 0.2835, 0.3705

Square

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



40.5362, 0.3739, 0.3208



40.5362, 0.3590, 0.3983



40.5362, 0.2544, 0.3331



40.5362, 0.2655, 0.2651

Rectangle

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



40.5362, 0.3739, 0.3208



40.5362, 0.3892, 0.3728



40.5362, 0.2544, 0.3331



40.5362, 0.2413, 0.2797

Sweetspot

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



40.5381, 0.3739, 0.3208



84.9668, 0.3269, 0.3267



41.9769, 0.3092, 0.2520



17.7033, 0.3295, 0.3263



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.



40.5381, 0.3739, 0.3208



49.5468, 0.3941, 0.3189



49.6288, 0.3720, 0.3597



13.0734, 0.3275, 0.3266



8.9736, 0.6272, 0.3229



0.5890, 0.5958, 0.3056

Inverse Universe

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



40.5381, 0.3739, 0.3208



49.5468, 0.3941, 0.3189



50.6637, 0.2653, 0.2960



13.0734, 0.3275, 0.3266



8.9736, 0.6272, 0.3229



0.5890, 0.5958, 0.3056

Previews

White Background



This preview shows how the Yxy color 40.5362, 0.3739, 0.3208 looks on a white background.

Color Contrast Check

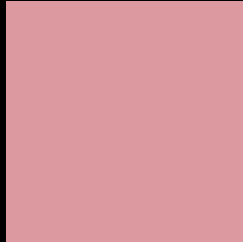
Large Text (above 18pt) WCAG AA × Fail

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 40.5362, 0.3739, 0.3208 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 40.5362, 0.3739, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 40.5362, 0.3739, 0.3208.



This preview shows how white text looks on a background with the Yxy color 40.5362, 0.3739, 0.3208.

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

40.5362, 0.3739, 0.3208

Protanopia

40.6504, 0.3164, 0.3290

Deuteranopia

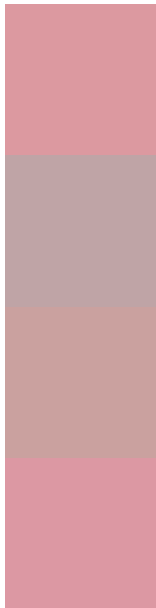
40.5854, 0.3448, 0.3383



Tritanopia

40.3525, 0.3701, 0.3147

Trichromacy



Original Color

40.5362, 0.3739, 0.3208

Protanomaly

40.3805, 0.3367, 0.3264

Deuteranomaly

40.5495, 0.3547, 0.3317

Tritanomaly

40.3165, 0.3711, 0.3159

Monochromacy



Original Color

40.5362, 0.3739, 0.3208

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.2134, 0.3336, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5362, 0.3739, 0.3208 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, 153, 160)` looks like.

```
.text, #text, p{  
    color:rgb(220, 153, 160)  
}
```

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, 153, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 153, 160) }
```

Border

The CSS property to change the border of an element to Yxy 40.5362, 0.3739, 0.3208 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, 153, 160) }
```

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

```
.border{ border-color:rgb(220, 153, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 153, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 153, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 153, 160);  
box-shadow:4px 4px 4px 4px rgb(220, 153,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5362, 0.3739, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 153, 160) }
```

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

```
.background{ background-color: rgb(220,  
153, 160) }
```

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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