

Converting Colors

$Yxy(38.8543, 0.3654, 0.3239)$

Have a look what the booklet for
Yxy(38.8543, 0.3654, 0.3239)
contains.

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Color

Yxy(38.7721, 0.3659, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	D1999D
RGB	209, 153, 157
RGB Percent	82%, 60%, 62%
CMY	0.1804, 0.4000, 0.3842
CMYK	0.00, 0.27, 0.25, 0.18
HSL	356°, 38%, 71%
HSV	356°, 27%, 82%
XYZ	43.7726, 38.7721, 37.0853
YIQ	170.2000, 32.0920, 13.1160

Conversions

Conversions Part 2

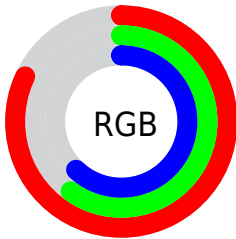
Format	Color
R _Y B	209, 153, 157
Decimal	13736349
CIE Lab	68.59, 21.53, 6.17
CIE LCh	69, 22.393, 15.981
Yxy	38.7721, 0.3659, 0.3241
Android (android.graphics.Color)	4291926429 (0xFFD1999D)
YUV	170.2000, -6.5076, 34.0276
Hunter-Lab	62.2672, 16.5143, 8.2750

Details

The Yxy color **38.7721, 0.3659, 0.3241** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.7794, 0.2763, 0.3341**, and the grayscale version is **40.3260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0749, 0.3466, 0.3260**, and **17.3157, 0.3815, 0.3224** is the 20% darker color. If you saturate the color by 10%, you get **31.9099, 0.3950, 0.3222**, and if you desaturate by 10%, it is **46.9413, 0.3423, 0.3260**.

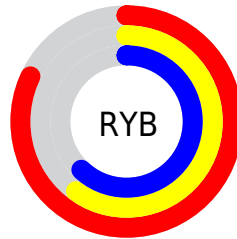
Distribution



Red (82%)

Green (60%)

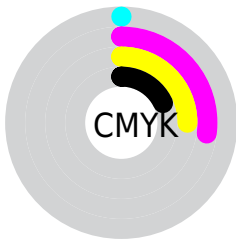
Blue (62%)



Red (82%)

Yellow (60%)

Blue (62%)

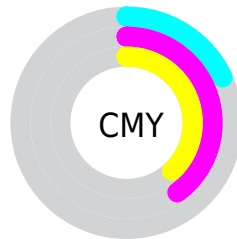


Cyan (0%)

Magenta (27%)

Yellow (25%)

Black (18%)



Cyan (18%)


Magenta (40%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7721, 0.3659, 0.3241 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 38.7721, 0.3659, 0.3241 by changing the saturation by 10% instead.


 38.7721, 0.3659,
0.3241


 38.7721, 0.3659,
0.3241

340.9206, 0.3383,
0.3270

 26.5825, 0.3731,
0.3232


 73.2900, 0.3556,
0.3253

 17.2599, 0.3826,
0.3219


 96.3871, 0.3518,
0.3257

 10.4200, 0.3956,
0.3200


123.8889, 0.3487,
0.3260

 5.6783, 0.4144,
0.3170

156.1796, 0.3460,
0.3263

 2.6505, 0.4439,
0.3116

193.6438, 0.3437,
0.3265

 0.9521, 0.5032,
0.3040

236.6657, 0.3416,

 0.0000, 1.0000,

0.3267

0.0000

285.6298, 0.3399,
0.3269

■ 0.0000, 0.0000,
0.0000

■ 38.7721, 0.3659,
0.3241

■ 38.7721, 0.3659,
0.3241

■ 31.9099, 0.3950,
0.3222

■ 46.9413, 0.3423,
0.3260

■ 26.2819, 0.4304,
0.3206

■ 56.4747, 0.3234,
0.3278

■ 21.8164, 0.4717,
0.3194

■ 67.4326, 0.3082,
0.3295

■ 18.4320, 0.5171,
0.3191

■ 79.8701, 0.2960,
0.3311

■ 16.0370, 0.5625,
0.3200

■ 92.2321, 0.2860,
0.3299

■ 14.5244, 0.6013,
0.3224

■ 92.2950, 0.2855,
0.3289

■ 13.7556, 0.6275,
0.3257

■ 13.5895, 0.6333,
0.3262

Harmonies

Analogous

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



38.7721, 0.3380, 0.2989



38.7721, 0.3659, 0.3241



38.7721, 0.3789, 0.3516

Triad

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



38.7721, 0.3659, 0.3241



38.7721, 0.3185, 0.3837



38.7721, 0.2552, 0.2809

Complementary

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



38.7721, 0.3659, 0.3241



56.7794, 0.2763, 0.3341

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.



38.7721, 0.2508, 0.3008



38.7721, 0.3659, 0.3241



38.7721, 0.2862, 0.3620

Square

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



38.7721, 0.3659, 0.3241



38.7721, 0.3504, 0.3880



38.7721, 0.2618, 0.3306



38.7721, 0.2742, 0.2743

Rectangle

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



38.7721, 0.3659, 0.3241



38.7721, 0.3769, 0.3683



38.7721, 0.2618, 0.3306



38.7721, 0.2520, 0.2861

Sweetspot

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



38.7739, 0.3659, 0.3241



86.5078, 0.3256, 0.3276



40.2714, 0.3115, 0.2620



18.0082, 0.3283, 0.3273



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.



38.7739, 0.3659, 0.3241



54.5659, 0.3814, 0.3230



47.0372, 0.3626, 0.3580



11.8218, 0.3279, 0.3274



8.3845, 0.6316, 0.3253



0.4737, 0.6057, 0.3110

Inverse Universe

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



38.7739, 0.3659, 0.3241



54.5659, 0.3814, 0.3230



46.3538, 0.2709, 0.2980



11.8218, 0.3279, 0.3274



8.3845, 0.6316, 0.3253



0.4737, 0.6057, 0.3110

Previews

White Background



This preview shows how the Yxy color 38.7721, 0.3659, 0.3241 looks on a white background.

Color Contrast Check

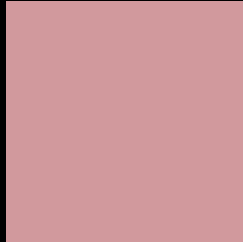
Large Text (above 18pt) WCAG AA × Fail

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 38.7721, 0.3659, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

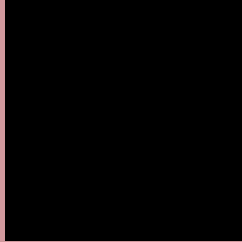
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7721, 0.3659, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 38.7721, 0.3659, 0.3241.



This preview shows how white text looks on a background with the Yxy color 38.7721, 0.3659, 0.3241.

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

38.7721, 0.3659, 0.3241

Protanopia

39.0120, 0.3181, 0.3318

Deuteranopia

38.8986, 0.3444, 0.3385



Tritanopia

38.8384, 0.3600, 0.3142

Trichromacy



Original Color

38.7721, 0.3659, 0.3241

Protanomaly

38.7636, 0.3349, 0.3291

Deuteranomaly

38.9323, 0.3521, 0.3331

Tritanomaly

38.7313, 0.3631, 0.3179

Monochromacy



Original Color

38.7721, 0.3659, 0.3241

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.4579, 0.3308, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7721, 0.3659, 0.3241 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, 153, 157)` looks like.

```
.text, #text, p{  
    color:rgb(209, 153, 157)  
}
```

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, 153, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 153, 157) }
```

Border

The CSS property to change the border of an element to Yxy 38.7721, 0.3659, 0.3241 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, 153, 157) }
```

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

```
.border{ border-color:rgb(209, 153, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 153, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 153, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 153, 157);  
box-shadow:4px 4px 4px 4px rgb(209, 153,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7721, 0.3659, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 153, 157) }
```

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

```
.background{ background-color: rgb(209,  
153, 157) }
```

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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