

Converting Colors

$Y_{xy}(40.5175, 0.3680, 0.3267)$

Have a look what the booklet for
Yxy(40.5175, 0.3680, 0.3267)
contains.

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Color

Yxy(40.3917, 0.3680, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	D59C9E
RGB	213, 156, 158
RGB Percent	84%, 61%, 62%
CMY	0.1648, 0.3882, 0.3804
CMYK	0.00, 0.27, 0.26, 0.16
HSL	358°, 40%, 72%
HSV	358°, 27%, 84%
XYZ	45.4978, 40.3917, 37.7459
YIQ	173.2710, 33.3300, 12.7060

Conversions

Conversions Part 2

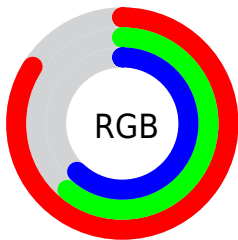
Format	Color
R _Y B	213, 156, 158
Decimal	13999262
CIE Lab	69.75, 21.53, 7.34
CIE LCh	70, 22.746, 18.836
Yxy	40.3917, 0.3680, 0.3267
Android (android.graphics.Color)	4292189342 (0xFFD59C9E)
YUV	173.2710, -7.5286, 34.8423
Hunter-Lab	63.5545, 16.5656, 9.2750

Details

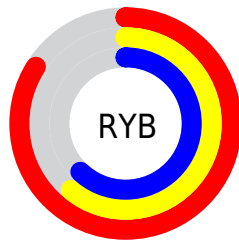
The Yxy color **40.3917, 0.3680, 0.3267** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.3544, 0.2750, 0.3314**, and the grayscale version is **41.9619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6526, 0.3446, 0.3271**, and **18.1303, 0.3847, 0.3242** is the 20% darker color. If you saturate the color by 10%, you get **33.2110, 0.3984, 0.3258**, and if you desaturate by 10%, it is **48.9478, 0.3434, 0.3276**.

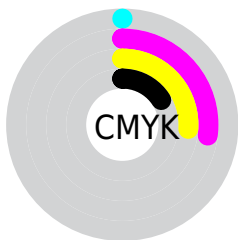
Distribution



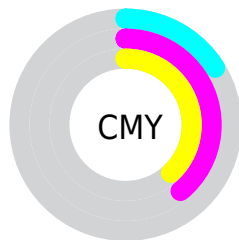
- Red (84%)
- Green (61%)
- Blue (62%)



- Red (84%)
- Yellow (61%)
- Blue (62%)



- Cyan (0%)
- Magenta (27%)
- Yellow (26%)
- Black (16%)





- Cyan (16%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3917, 0.3680, 0.3267 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 40.3917, 0.3680, 0.3267 by changing the saturation by 10% instead.


 40.3917, 0.3680,
0.3267


 40.3917, 0.3680,
0.3267


347.7718, 0.3395,
0.3284

 27.8441, 0.3754,
0.3261


 75.7596, 0.3574,
0.3274

 18.2082, 0.3851,
0.3252


 99.3487, 0.3535,
0.3277

 11.0995, 0.3982,
0.3239


127.3870, 0.3502,
0.3279

 6.1338, 0.4172,
0.3216

160.2591, 0.3474,
0.3280

 2.9266, 0.4465,
0.3173

198.3492, 0.3450,
0.3281

 1.0935, 0.5020,
0.3103

242.0417, 0.3429,


 0.0000, 1.0000,


0.3282


0.0000


291.7211, 0.3411,
0.3283

 0.0000, 0.0000,
0.0000


 40.3917, 0.3680,
0.3267


 40.3917, 0.3680,
0.3267

 33.2110, 0.3984,
0.3258

 48.9478, 0.3434,
0.3276

 27.3288, 0.4353,
0.3251


 58.9399, 0.3237,
0.3285


 22.6692, 0.4783,
0.3246

 70.4317, 0.3080,
0.3293

 19.1462, 0.5252,
0.3246

 83.4814, 0.2953,
0.3300

 16.6624, 0.5710,
0.3252

 92.8843, 0.2877,
0.3289

■ 15.1046, 0.6087,
0.3265

■ 14.3265, 0.6321,
0.3282

■ 14.1606, 0.6370,
0.3283

Harmonies

Analogous

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



40.3917, 0.3411, 0.3010



40.3917, 0.3680, 0.3267



40.3917, 0.3792, 0.3542

Triad

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



40.3917, 0.3680, 0.3267



40.3917, 0.3153, 0.3824



40.3917, 0.2563, 0.2796

Complementary

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



40.3917, 0.3680, 0.3267



59.3544, 0.2750, 0.3314

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.



40.3917, 0.2505, 0.2983



40.3917, 0.3680, 0.3267



40.3917, 0.2833, 0.3593

Square

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



40.3917, 0.3680, 0.3267



40.3917, 0.3477, 0.3885



40.3917, 0.2600, 0.3275



40.3917, 0.2766, 0.2743

Rectangle

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



40.3917, 0.3680, 0.3267



40.3917, 0.3761, 0.3704



40.3917, 0.2600, 0.3275



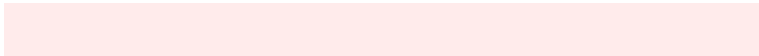
40.3917, 0.2527, 0.2844

Sweetspot

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



40.3936, 0.3680, 0.3267



86.4641, 0.3261, 0.3283



42.3062, 0.3132, 0.2623



17.9973, 0.3289, 0.3282



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.



40.3936, 0.3680, 0.3267



54.4453, 0.3842, 0.3262



49.8579, 0.3620, 0.3603



12.4278, 0.3286, 0.3282



8.6542, 0.6360, 0.3277



0.5245, 0.6235, 0.3208

Inverse Universe

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



40.3936, 0.3680, 0.3267



54.4453, 0.3842, 0.3262



47.5611, 0.2707, 0.2955



12.4278, 0.3286, 0.3282



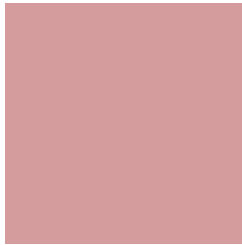
8.6542, 0.6360, 0.3277



0.5245, 0.6235, 0.3208

Previews

White Background



This preview shows how the Yxy color 40.3917, 0.3680, 0.3267 looks on a white background.

Color Contrast Check

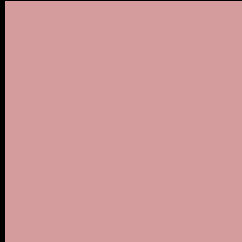
Large Text (above 18pt) WCAG AA × Fail

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 40.3917, 0.3680, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

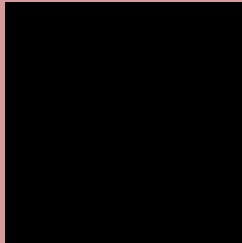
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.3917, 0.3680, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 40.3917, 0.3680, 0.3267.



This preview shows how white text looks on a background with the Yxy color 40.3917, 0.3680, 0.3267.

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

40.3917, 0.3680, 0.3267

Protanopia

40.6166, 0.3207, 0.3345

Deuteranopia

40.6480, 0.3477, 0.3410



Tritanopia

40.5289, 0.3602, 0.3144

Trichromacy



Original Color

40.3917, 0.3680, 0.3267

Protanomaly

40.3734, 0.3373, 0.3317

Deuteranomaly

40.5543, 0.3544, 0.3356

Tritanomaly

40.4192, 0.3632, 0.3181

Monochromacy



Original Color

40.3917, 0.3680, 0.3267

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.1560, 0.3315, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3917, 0.3680, 0.3267 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(213, 156, 158)` looks like.

```
.text, #text, p{  
    color:rgb(213, 156, 158)  
}
```

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(213, 156, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 156, 158) }
```

Border

The CSS property to change the border of an element to Yxy 40.3917, 0.3680, 0.3267 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(213, 156, 158) }
```

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

```
.border{ border-color:rgb(213, 156, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 156, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 156, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 156, 158);  
box-shadow:4px 4px 4px 4px rgb(213, 156,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3917, 0.3680, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 156, 158) }
```

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

```
.background{ background-color: rgb(213,  
156, 158) }
```

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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