

Converting Colors

$Yxy(37.9517, 0.3522, 0.3239)$

Have a look what the booklet for
Yxy(37.9517, 0.3522, 0.3239)
contains.

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Color

Yxy(37.9517, 0.3522, 0.3239)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C69B9F |
| RGB | 198, 155, 159 |
| RGB Percent | 78%, 61%, 62% |
| CMY | 0.2235, 0.3921, 0.3765 |
| CMYK | 0.00, 0.22, 0.20, 0.22 |
| HSL | 354°, 27%, 69% |
| HSV | 354°, 22%, 78% |
| XYZ | 41.2676, 37.9517, 37.9517 |
| YIQ | 168.3130, 24.3440, 10.3600 |

Conversions

Conversions Part 2

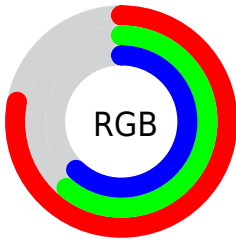
| Format | Color |
|-------------------------------------|---|
| RYB | 198, 155, 159 |
| Decimal | 13015967 |
| CIELab | 67.99, 16.61, 4.05 |
| CIElCh | 68, 17.094, 13.705 |
| Yxy | 37.9517, 0.3522, 0.3239 |
| Android (android.graphics.Color) | 4291206047 (0xFFC69B9F) |
| YUV | 168.3130, -4.5913, 26.0355 |
| Hunter-Lab | 61.6050, 11.7641, 6.5979 |

Details

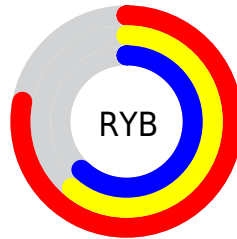
The Yxy color **37.9517, 0.3522, 0.3239** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.2515, 0.2834, 0.3342**, and the grayscale version is **39.3346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2082, 0.3440, 0.3250**, and **16.8230, 0.3634, 0.3220** is the 20% darker color. If you saturate the color by 10%, you get **31.3154, 0.3776, 0.3214**, and if you desaturate by 10%, it is **45.7627, 0.3317, 0.3263**.

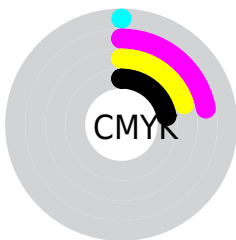
Distribution



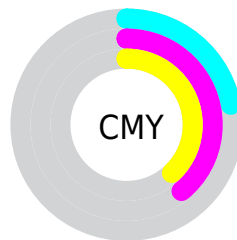
- Red (78%)
- Green (61%)
- Blue (62%)



- Red (78%)
- Yellow (61%)
- Blue (62%)



- Cyan (0%)
- Magenta (22%)
- Yellow (20%)
- Black (22%)





- Cyan (22%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9517, 0.3522, 0.3239 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 37.9517, 0.3522, 0.3239 by changing the saturation by 10% instead.

 37.9517, 0.3522,
0.3239


 37.9517, 0.3522,
0.3239


337.4127, 0.3317,
0.3268

 25.9452, 0.3576,
0.3231


 72.0341, 0.3445,
0.3250

 16.7827, 0.3647,
0.3220


 94.8788, 0.3417,
0.3254

 10.0796, 0.3744,
0.3203


122.1050, 0.3394,
0.3257

 5.4518, 0.3886,
0.3178

154.0971, 0.3374,
0.3260

 2.5147, 0.4112,
0.3135

191.2396, 0.3356,
0.3262

 0.8840, 0.4566,
0.3073

233.9167, 0.3341,

 0.0000, 1.0000,

0.3264

0.0000

282.5130, 0.3328,
0.3266

0.0000, 0.0000,
0.0000

37.9517, 0.3522,
0.3239

37.9517, 0.3522,
0.3239

31.3154, 0.3776,
0.3214

45.7627, 0.3317,
0.3263

25.7920, 0.4088,
0.3190

54.7957, 0.3152,
0.3286

21.3221, 0.4460,
0.3171

65.1021, 0.3019,
0.3307

17.8386, 0.4885,
0.3159

76.7285, 0.2912,
0.3327

15.2667, 0.5338,
0.3161

89.7193, 0.2825,
0.3344

■ 13.5210, 0.5768,
0.3179

■ 90.7455, 0.2794,
0.3289

■ 12.4997, 0.6111,
0.3215

■ 12.0505, 0.6302,
0.3245

Harmonies

Analogous

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



37.9517, 0.3304, 0.3043



37.9517, 0.3522, 0.3239



37.9517, 0.3631, 0.3455

Triad

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



37.9517, 0.3522, 0.3239



37.9517, 0.3194, 0.3712



37.9517, 0.2674, 0.2928

Complementary

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



37.9517, 0.3522, 0.3239



51.2515, 0.2834, 0.3342

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.



37.9517, 0.2648, 0.3092



37.9517, 0.3522, 0.3239



37.9517, 0.2942, 0.3557

Square

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



37.9517, 0.3522, 0.3239



37.9517, 0.3436, 0.3739



37.9517, 0.2744, 0.3324



37.9517, 0.2815, 0.2865

Rectangle

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



37.9517, 0.3522, 0.3239



37.9517, 0.3625, 0.3584



37.9517, 0.2744, 0.3324



37.9517, 0.2651, 0.2972

Sweetspot

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



37.9534, 0.3522, 0.3239



88.1360, 0.3236, 0.3274



38.9513, 0.3112, 0.2750



18.6570, 0.3247, 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.



37.9534, 0.3522, 0.3239



61.4602, 0.3634, 0.3227



43.9545, 0.3516, 0.3513



10.6527, 0.3275, 0.3269



7.8426, 0.6283, 0.3235



0.3770, 0.5922, 0.3036

Inverse Universe

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



37.9534, 0.3522, 0.3239



61.4602, 0.3634, 0.3227



44.0132, 0.2791, 0.3056



10.6527, 0.3275, 0.3269



7.8426, 0.6283, 0.3235



0.3770, 0.5922, 0.3036

Previews

White Background



This preview shows how the Yxy color 37.9517, 0.3522, 0.3239 looks on a white background.

Color Contrast Check

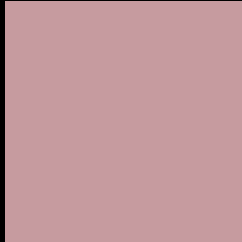
Large Text (above 18pt) WCAG AA × Fail

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 37.9517, 0.3522, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

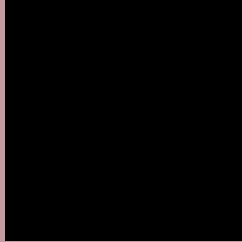
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9517, 0.3522, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 37.9517, 0.3522, 0.3239.



This preview shows how white text looks on a background with the Yxy color 37.9517, 0.3522, 0.3239.

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

37.9517, 0.3522, 0.3239

Protanopia

38.0619, 0.3165, 0.3290

Deuteranopia

37.9245, 0.3390, 0.3318



Tritanopia

38.0065, 0.3465, 0.3136

Trichromacy



Original Color

37.9517, 0.3522, 0.3239

Protanomaly

37.8374, 0.3292, 0.3263

Deuteranomaly

37.8695, 0.3444, 0.3291

Tritanomaly

37.8977, 0.3495, 0.3174

Monochromacy



Original Color

37.9517, 0.3522, 0.3239

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.4947, 0.3262, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9517, 0.3522, 0.3239 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(198, 155, 159)` looks like.

```
.text, #text, p{  
    color:rgb(198, 155, 159)  
}
```

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(198, 155, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 155, 159) }
```

Border

The CSS property to change the border of an element to Yxy 37.9517, 0.3522, 0.3239 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(198, 155, 159) }
```

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

```
.border{ border-color:rgb(198, 155, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 155, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 155, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 155, 159);  
box-shadow:4px 4px 4px 4px rgb(198, 155,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9517, 0.3522, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 155, 159) }
```

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

```
.background{ background-color: rgb(198,  
155, 159) }
```

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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