

Converting Colors

$Yxy(37.9482, 0.3484, 0.3335)$

Have a look what the booklet for
Yxy(37.9482, 0.3484, 0.3335)
contains.

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Color

Yxy(37.8966, 0.3484, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	BF9E9B
RGB	191, 158, 155
RGB Percent	75%, 62%, 61%
CMY	0.2508, 0.3804, 0.3922
CMYK	0.00, 0.17, 0.19, 0.25
HSL	5°, 22%, 68%
HSV	5°, 19%, 75%
XYZ	39.6373, 37.8966, 36.2356
YIQ	167.5250, 20.6310, 6.0630

Conversions

Conversions Part 2

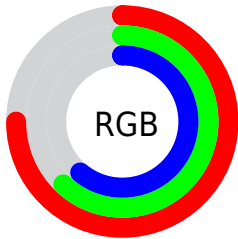
Format	Color
RYB	191, 158, 155
Decimal	12557979
CIELab	67.94, 11.73, 6.13
CIELCh	68, 13.237, 27.609
Yxy	37.8966, 0.3484, 0.3331
Android (android.graphics.Color)	4290748059 (0xFFBF9E9B)
YUV	167.5250, -6.1748, 20.5876
Hunter-Lab	61.5602, 7.2019, 8.1929

Details

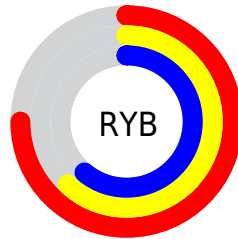
The Yxy color **37.8966, 0.3484, 0.3331** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.7229, 0.2845, 0.3249**, and the grayscale version is **38.9388, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1484, 0.3419, 0.3332**, and **16.8332, 0.3593, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **31.7497, 0.3738, 0.3355**, and if you desaturate by 10%, it is **45.0006, 0.3277, 0.3309**.

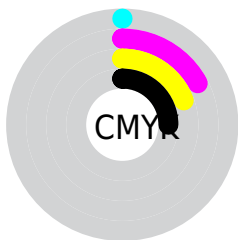
Distribution



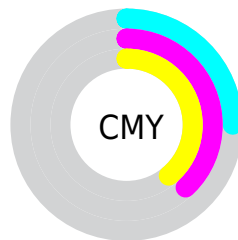
- Red (75%)
- Green (62%)
- Blue (61%)



- Red (75%)
- Yellow (62%)
- Blue (61%)



- Cyan (0%)
- Magenta (17%)
- Yellow (19%)
- Black (25%)




- Cyan (25%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8966, 0.3484, 0.3331 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 37.8966, 0.3484, 0.3331 by changing the saturation by 10% instead.


 37.8966, 0.3484,
0.3331


 37.8966, 0.3484,
0.3331


337.1762, 0.3298,
0.3312

 25.9024, 0.3533,
0.3335


 71.9496, 0.3415,
0.3325

 16.7507, 0.3597,
0.3340


 94.7773, 0.3389,
0.3322

 10.0569, 0.3686,
0.3346


121.9849, 0.3368,
0.3320

 5.4367, 0.3815,
0.3352

153.9569, 0.3350,
0.3318

 2.5057, 0.4021,
0.3357

191.0776, 0.3334,
0.3316

 0.8795, 0.4505,
0.3432


233.7315, 0.3321,

 0.0000, 1.0000,

0.3315

0.0000


282.3029, 0.3309,
0.3313


 0.0000, 0.0000,
0.0000


 37.8966, 0.3484,
0.3331


 37.8966, 0.3484,
0.3331


 31.7497, 0.3738,
0.3355

 45.0006, 0.3277,
0.3309


 26.5142, 0.4048,
0.3378


 53.0948, 0.3110,
0.3288


 22.1481, 0.4417,
0.3399

 62.2170, 0.2974,
0.3269

 18.6044, 0.4840,
0.3414

 72.4015, 0.2863,
0.3251

 15.8313, 0.5293,
0.3418

 83.6810, 0.2771,
0.3236

■ 13.7716, 0.5730,
0.3408

■ 89.8222, 0.2757,
0.3289

■ 12.3596, 0.6088,
0.3382

■ 11.5137, 0.6319,
0.3349

■ 11.4479, 0.6340,
0.3348

Harmonies

Analogous

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



37.8966, 0.3350, 0.3165



37.8966, 0.3484, 0.3331



37.8966, 0.3519, 0.3493

Triad

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



37.8966, 0.3484, 0.3331



37.8966, 0.3088, 0.3569



37.8966, 0.2815, 0.2975

Complementary

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



37.8966, 0.3484, 0.3331



46.7229, 0.2845, 0.3249

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.



37.8966, 0.2750, 0.3071



37.8966, 0.3484, 0.3331



37.8966, 0.2905, 0.3417

Square

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



37.8966, 0.3484, 0.3331



37.8966, 0.3286, 0.3639



37.8966, 0.2783, 0.3232



37.8966, 0.2962, 0.2963

Rectangle

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



37.8966, 0.3484, 0.3331



37.8966, 0.3481, 0.3577



37.8966, 0.2783, 0.3232



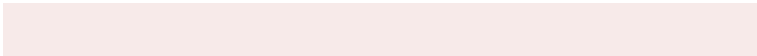
37.8966, 0.2783, 0.2998

Sweetspot

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



37.8983, 0.3484, 0.3331



84.3902, 0.3227, 0.3303



38.1835, 0.3170, 0.2857



18.3278, 0.3239, 0.3304



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.8983, 0.3484, 0.3331



62.6844, 0.3592, 0.3342



44.2745, 0.3443, 0.3559



9.6601, 0.3286, 0.3310



7.5698, 0.6328, 0.3358



0.3402, 0.6074, 0.3559

Inverse Universe

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



46.7229, 0.2845, 0.3249



81.6260, 0.2782, 0.3238



39.7144, 0.2832, 0.3005



10.6705, 0.2985, 0.3270



22.7214, 0.2176, 0.3032



0.9304, 0.2194, 0.3098

Previews

White Background



This preview shows how the Yxy color 37.8966, 0.3484, 0.3331 looks on a white background.

Color Contrast Check

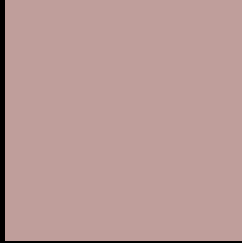
Large Text (above 18pt) WCAG AA × Fail

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 37.8966, 0.3484, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

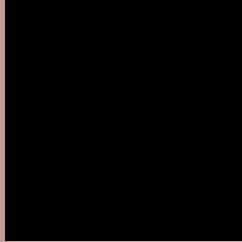
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8966, 0.3484, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 37.8966, 0.3484, 0.3331.



This preview shows how white text looks on a background with the Yxy color 37.8966, 0.3484, 0.3331.

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

37.8966, 0.3484, 0.3331

Protanopia

37.9595, 0.3227, 0.3375

Deuteranopia

37.9473, 0.3429, 0.3359



Tritanopia

37.9415, 0.3381, 0.3133

Trichromacy



Original Color

37.8966, 0.3484, 0.3331

Protanomaly

37.7743, 0.3318, 0.3346

Deuteranomaly

37.8542, 0.3451, 0.3345

Tritanomaly

37.9648, 0.3418, 0.3211

Monochromacy



Original Color

37.8966, 0.3484, 0.3331

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.4254, 0.3250, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8966, 0.3484, 0.3331 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(191, 158, 155)` looks like.

```
.text, #text, p{  
    color:rgb(191, 158, 155)  
}
```

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(191, 158, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 158, 155) }
```

Border

The CSS property to change the border of an element to Yxy 37.8966, 0.3484, 0.3331 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(191, 158, 155) }
```

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

```
.border{ border-color:rgb(191, 158, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 158, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 158, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 158, 155);  
box-shadow:4px 4px 4px 4px rgb(191, 158,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8966, 0.3484, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 158, 155) }
```

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

```
.background{ background-color: rgb(191,  
158, 155) }
```

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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