

Converting Colors

$Y_{xy}(40.1182, 0.3486, 0.3165)$

Have a look what the booklet for
Yxy(40.1182, 0.3486, 0.3165)
contains.

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Color

Yxy(40.1182, 0.3486, 0.3165)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CC9EA8 |
| RGB | 204, 158, 168 |
| RGB Percent | 80%, 62%, 66% |
| CMY | 0.2002, 0.3803, 0.3413 |
| CMYK | 0.00, 0.23, 0.18, 0.20 |
| HSL | 347°, 31%, 71% |
| HSV | 347°, 23%, 80% |
| XYZ | 44.1871, 40.1182, 42.4505 |
| YIQ | 172.8940, 24.2060, 12.8620 |

Conversions

Conversions Part 2

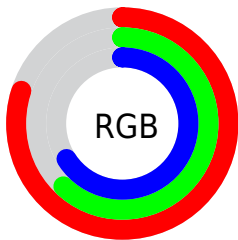
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 204, 158, 168 |
| Decimal | 13409960 |
| CIE _{Lab} | 69.55, 18.57, 1.40 |
| CIE _{LCh} | 70, 18.624, 4.309 |
| Yxy | 40.1182, 0.3486, 0.3165 |
| Android (android.graphics.Color) | 4291600040 (0xFFCC9EA8) |
| YUV | 172.8940, -2.4127, 27.2800 |
| Hunter-Lab | 63.3389, 13.6836, 4.6004 |

Details

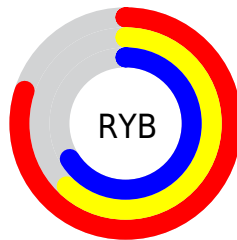
The Yxy color $40.1182, 0.3486, 0.3165$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $54.3341, 0.2859, 0.3419$, and the grayscale version is $41.7349, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.1762, 0.3370, 0.3190$, and $17.9586, 0.3597, 0.3120$ is the 20% darker color. If you saturate the color by 10%, you get $33.1693, 0.3708, 0.3106$, and if you desaturate by 10%, it is $48.2987, 0.3306, 0.3223$.

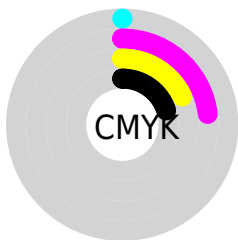
Distribution



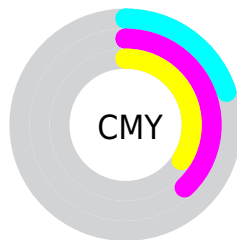
- Red (80%)
- Green (62%)
- Blue (66%)



- Red (80%)
- Yellow (62%)
- Blue (66%)



- Cyan (0%)
- Magenta (23%)
- Yellow (18%)
- Black (20%)





- Cyan (20%)
- Magenta (38%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1182, 0.3486, 0.3165 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 40.1182, 0.3486, 0.3165 by changing the saturation by 10% instead.

 40.1182, 0.3486,
0.3165


 40.1182, 0.3486,
0.3165


346.6215, 0.3302,
0.3230

 27.6307, 0.3534,
0.3148


 75.3435, 0.3418,
0.3189

 18.0475, 0.3596,
0.3126


 98.8500, 0.3393,
0.3198

 10.9841, 0.3681,
0.3095


126.7984, 0.3371,
0.3206

 6.0561, 0.3802,
0.3051

159.5730, 0.3353,
0.3212

 2.8792, 0.3992,
0.2980

197.5583, 0.3338,
0.3217

 1.0690, 0.4327,
0.2853

241.1385, 0.3324,

 0.0000, 1.0000,

0.3222

0.0000

290.6981, 0.3312,
0.3226

0.0000, 0.0000,
0.0000

40.1182, 0.3486,
0.3165

40.1182, 0.3486,
0.3165

33.1693, 0.3708,
0.3106

48.2987, 0.3306,
0.3223

27.3868, 0.3977,
0.3049

57.7609, 0.3159,
0.3277

22.7082, 0.4299,
0.2999

68.5585, 0.3041,
0.3327

19.0626, 0.4668,
0.2965

80.7409, 0.2945,
0.3373

16.3707, 0.5069,
0.2956

91.1203, 0.2864,
0.3364

■ 14.5419, 0.5470,
0.2981

■ 91.5719, 0.2827,
0.3289

■ 13.4677, 0.5826,
0.3043

■ 13.0153, 0.6044,
0.3103

Harmonies

Analogous

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



40.1182, 0.3229, 0.2973



40.1182, 0.3486, 0.3165



40.1182, 0.3646, 0.3393

Triad

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



40.1182, 0.3486, 0.3165



40.1182, 0.3284, 0.3768



40.1182, 0.2621, 0.2947

Complementary

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



40.1182, 0.3486, 0.3165



54.3341, 0.2859, 0.3419

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.



40.1182, 0.2635, 0.3150



40.1182, 0.3486, 0.3165



40.1182, 0.3010, 0.3641

Square

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



40.1182, 0.3486, 0.3165



40.1182, 0.3524, 0.3750



40.1182, 0.2774, 0.3408



40.1182, 0.2735, 0.2845

Rectangle

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



40.1182, 0.3486, 0.3165



40.1182, 0.3672, 0.3541



40.1182, 0.2774, 0.3408



40.1182, 0.2611, 0.3005

Sweetspot

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



40.1200, 0.3486, 0.3165



88.2673, 0.3222, 0.3253



40.1888, 0.3056, 0.2718



18.6873, 0.3231, 0.3249



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.



40.1200, 0.3486, 0.3165



60.6616, 0.3587, 0.3137



44.1534, 0.3550, 0.3446



11.2528, 0.3257, 0.3240



8.2069, 0.6011, 0.3085



0.4350, 0.5453, 0.2778

Inverse Universe

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



40.1200, 0.3486, 0.3165



60.6616, 0.3587, 0.3137



49.2018, 0.2784, 0.3128



11.2528, 0.3257, 0.3240



8.2069, 0.6011, 0.3085



0.4350, 0.5453, 0.2778

Previews

White Background



This preview shows how the Yxy color 40.1182, 0.3486, 0.3165 looks on a white background.

Color Contrast Check

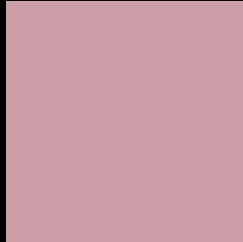
Large Text (above 18pt) WCAG AA × Fail

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 40.1182, 0.3486, 0.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

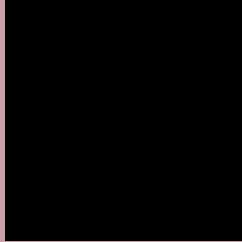
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1182, 0.3486, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 40.1182, 0.3486, 0.3165.



This preview shows how white text looks on a background with the Yxy color 40.1182, 0.3486, 0.3165.

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

40.1182, 0.3486, 0.3165

Protanopia

40.2026, 0.3112, 0.3221

Deuteranopia

40.3917, 0.3327, 0.3264



Tritanopia

40.1934, 0.3467, 0.3139

Trichromacy



Original Color

40.1182, 0.3486, 0.3165

Protanomaly

40.0792, 0.3244, 0.3197

Deuteranomaly

40.1000, 0.3390, 0.3226

Tritanomaly

40.1557, 0.3477, 0.3152

Monochromacy



Original Color

40.1182, 0.3486, 0.3165

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.1359, 0.3249, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1182, 0.3486, 0.3165 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(204, 158, 168)` looks like.

```
.text, #text, p{  
    color:rgb(204, 158, 168)  
}
```

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(204, 158, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 158, 168) }
```

Border

The CSS property to change the border of an element to Yxy 40.1182, 0.3486, 0.3165 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(204, 158, 168) }
```

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

```
.border{ border-color:rgb(204, 158, 168) }
```

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

Here you see how a box with a 4 pixel rgb(204, 158, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 158, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 158, 168);  
box-shadow:4px 4px 4px 4px rgb(204, 158,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1182, 0.3486, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 158, 168) }
```

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

```
.background{ background-color: rgb(204,  
158, 168) }
```

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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