

Converting Colors

$Y_{xy}(32.7956, 0.3677, 0.2989)$

Have a look what the booklet for
Yxy(32.7956, 0.3677, 0.2989)
contains.

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Color

Yxy(32.7842, 0.3683, 0.2987)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CF869E |
| RGB | 207, 134, 158 |
| RGB Percent | 81%, 53%, 62% |
| CMY | 0.1883, 0.4744, 0.3804 |
| CMYK | 0.00, 0.35, 0.24, 0.19 |
| HSL | 340°, 43%, 67% |
| HSV | 340°, 35%, 81% |
| XYZ | 40.4232, 32.7842, 36.5488 |
| YIQ | 158.5630, 35.8040, 22.9400 |

Conversions

Conversions Part 2

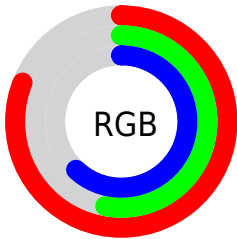
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 207, 134, 158 |
| Decimal | 13600414 |
| CIE Lab | 63.99, 31.24, -1.09 |
| CIE LCh | 64, 31.264, 358.004 |
| Yxy | 32.7842, 0.3683, 0.2987 |
| Android (android.graphics.Color) | 4291790494 (0xFFCF869E) |
| YUV | 158.5630, -0.2776, 42.4792 |
| Hunter-Lab | 57.2575, 25.8187, 2.2340 |

Details

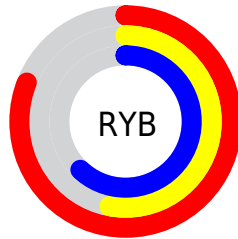
The Yxy color **32.7842, 0.3683, 0.2987** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.0997, 0.2774, 0.3620**, and the grayscale version is **34.4514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0305, 0.3484, 0.3034**, and **13.8274, 0.3861, 0.2884** is the 20% darker color. If you saturate the color by 10%, you get **27.1608, 0.3921, 0.2901**, and if you desaturate by 10%, it is **39.5844, 0.3484, 0.3076**.

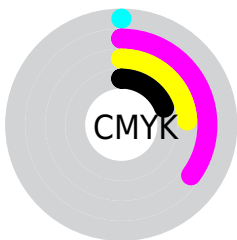
Distribution



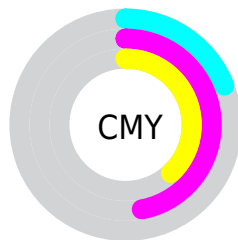
- Red (81%)
- Green (53%)
- Blue (62%)



- Red (81%)
- Yellow (53%)
- Blue (62%)



- Cyan (0%)
- Magenta (35%)
- Yellow (24%)
- Black (19%)




- Cyan (19%)
- Magenta (47%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7842, 0.3683, 0.2987 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 32.7842, 0.3683, 0.2987 by changing the saturation by 10% instead.


 32.7842, 0.3683,
0.2987


 32.7842, 0.3683,
0.2987


314.6762, 0.3390,
0.3146

 21.9612, 0.3762,
0.2945


 64.0385, 0.3572,
0.3047

 13.8284, 0.3866,
0.2889


 85.2385, 0.3532,
0.3069

 8.0014, 0.4011,
0.2811


 110.6663, 0.3499,
0.3087

 4.0958, 0.4225,
0.2697

140.7063, 0.3470,
0.3102

 1.7273, 0.4574,
0.2513

175.7430, 0.3446,
0.3116

 0.4413, 0.5521,
0.1981


216.1605, 0.3424,


 0.0000, 1.0000,

0.3127


0.0000


262.3435, 0.3406,
0.3137


 0.0000, 0.0000,
0.0000


 32.7842, 0.3683,
0.2987


 32.7842, 0.3683,
0.2987


 27.1608, 0.3921,
0.2901


 39.5844, 0.3484,
0.3076


 22.6421, 0.4202,
0.2827


 47.6188, 0.3321,
0.3164


 19.1555, 0.4520,
0.2774

 56.9464, 0.3187,
0.3248

 16.6173, 0.4865,
0.2756

 67.6212, 0.3078,
0.3327

 14.9308, 0.5214,
0.2782

 79.6942, 0.2989,
0.3399

■ 13.9782, 0.5536,
0.2857

■ 91.1534, 0.2915,
0.3432

■ 13.6793, 0.5677,
0.2901

■ 92.0012, 0.2843,
0.3289

Harmonies

Analogous

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



32.7842, 0.3193, 0.2690



32.7842, 0.3683, 0.2987



32.7842, 0.4026, 0.3362

Triad

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



32.7842, 0.3683, 0.2987



32.7842, 0.3488, 0.4182



32.7842, 0.2237, 0.2728

Complementary

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



32.7842, 0.3683, 0.2987



53.0997, 0.2774, 0.3620

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.



32.7842, 0.2302, 0.3111



32.7842, 0.3683, 0.2987



32.7842, 0.3003, 0.4017

Square

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



32.7842, 0.3683, 0.2987



32.7842, 0.3895, 0.4060



32.7842, 0.2573, 0.3600



32.7842, 0.2383, 0.2531

Rectangle

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



32.7842, 0.3683, 0.2987



32.7842, 0.4109, 0.3623



32.7842, 0.2573, 0.3600



32.7842, 0.2235, 0.2837

Sweetspot

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



32.7857, 0.3683, 0.2987



82.2371, 0.3263, 0.3199



31.5841, 0.2931, 0.2360



17.1727, 0.3281, 0.3188



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.



32.7857, 0.3683, 0.2987



45.8323, 0.3852, 0.2924



35.5957, 0.3907, 0.3448



11.8714, 0.3240, 0.3214



8.6369, 0.5640, 0.2881



0.4975, 0.5118, 0.2593

Inverse Universe

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



32.7857, 0.3683, 0.2987



45.8323, 0.3852, 0.2924



48.5197, 0.2612, 0.3124



11.8714, 0.3240, 0.3214



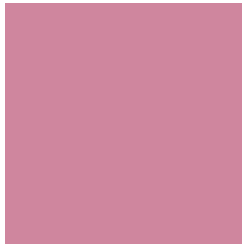
8.6369, 0.5640, 0.2881



0.4975, 0.5118, 0.2593

Previews

White Background



This preview shows how the Yxy color 32.7842, 0.3683, 0.2987 looks on a white background.

Color Contrast Check

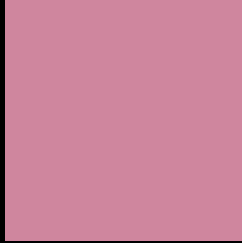
Large Text (above 18pt) WCAG AA × Fail

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 32.7842, 0.3683, 0.2987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

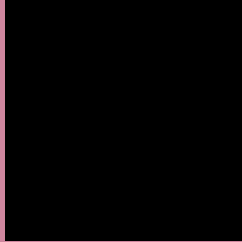
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.7842, 0.3683, 0.2987

Background



This preview shows how black text looks on a background with the Yxy color 32.7842, 0.3683, 0.2987.



This preview shows how white text looks on a background with the Yxy color 32.7842, 0.3683, 0.2987.

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

32.7842, 0.3683, 0.2987

Protanopia

32.8835, 0.2984, 0.3053

Deuteranopia

32.7253, 0.3284, 0.3218



Tritanopia

32.8055, 0.3804, 0.3164

Trichromacy



Original Color

32.7842, 0.3683, 0.2987

Protanomaly

32.5048, 0.3211, 0.3021

Deuteranomaly

32.4141, 0.3422, 0.3124

Tritanomaly

32.6518, 0.3761, 0.3100

Monochromacy



Original Color

32.7842, 0.3683, 0.2987

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.5460, 0.3307, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7842, 0.3683, 0.2987 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(207, 134, 158)` looks like.

```
.text, #text, p{  
    color:rgb(207, 134, 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(207, 134, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 134, 158) }
```

Border

The CSS property to change the border of an element to Yxy 32.7842, 0.3683, 0.2987 is called "border". The border property can be set on classes, ids or directly on the HTML element.

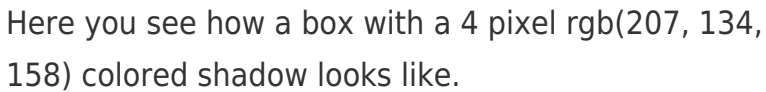
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 134, 158) }
```

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

```
.border{ border-color:rgb(207, 134, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 134, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 134, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 134, 158);  
box-shadow:4px 4px 4px 4px rgb(207, 134,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7842, 0.3683, 0.2987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 134, 158) }
```

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

```
.background{ background-color: rgb(207,  
134, 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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