

Converting Colors

$Yxy(32.9194, 0.3547, 0.3091)$

Have a look what the booklet for
Yxy(32.9194, 0.3547, 0.3091)
contains.

Yxy(32.9194, 0.3547, 0.3091)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.9194, 0.3547, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	C28D9C
RGB	194, 141, 156
RGB Percent	76%, 55%, 61%
CMY	0.2391, 0.4471, 0.3883
CMYK	0.00, 0.27, 0.20, 0.24
HSL	343°, 30%, 66%
HSV	343°, 27%, 76%
XYZ	37.7758, 32.9194, 35.8056
YIQ	158.5570, 26.7730, 15.9010

Conversions

Conversions Part 2

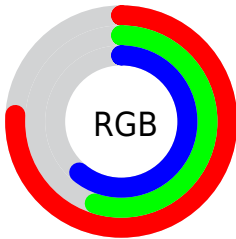
Format	Color
RYB	194, 141, 156
Decimal	12750236
CIELab	64.10, 22.38, 0.05
CIElCh	64, 22.377, 0.125
Yxy	32.9194, 0.3547, 0.3091
Android (android.graphics.Color)	4290940316 (0xFFC28D9C)
YUV	158.5570, -1.2606, 31.0835
Hunter-Lab	57.3754, 17.1169, 3.1624

Details

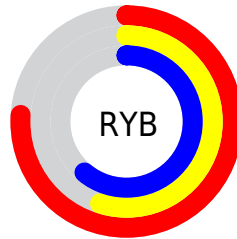
The Yxy color **32.9194, 0.3547, 0.3091** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.5111, 0.2830, 0.3500**, and the grayscale version is **34.4558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.1926, 0.3464, 0.3135**, and **13.8212, 0.3678, 0.3016** is the 20% darker color. If you saturate the color by 10%, you get **27.2469, 0.3768, 0.3015**, and if you desaturate by 10%, it is **39.6512, 0.3366, 0.3167**.

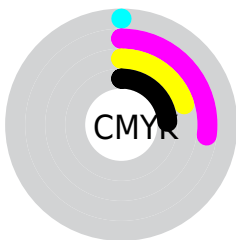
Distribution



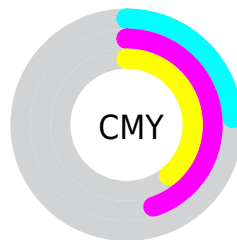
- Red (76%)
- Green (55%)
- Blue (61%)



- Red (76%)
- Yellow (55%)
- Blue (61%)



- Cyan (0%)
- Magenta (27%)
- Yellow (20%)
- Black (24%)





- Cyan (24%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9194, 0.3547, 0.3091 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 32.9194, 0.3547, 0.3091 by changing the saturation by 10% instead.


 32.9194, 0.3547,
0.3091


 32.9194, 0.3547,
0.3091


315.2864, 0.3325,
0.3196


 22.0647, 0.3607,
0.3063


 64.2497, 0.3463,
0.3131

 13.9045, 0.3686,
0.3025


 85.4940, 0.3433,
0.3145

 8.0542, 0.3797,
0.2972


 110.9704, 0.3407,
0.3157

 4.1297, 0.3963,
0.2893

141.0632, 0.3386,
0.3168

 1.7464, 0.4235,
0.2764

176.1568, 0.3367,
0.3176

 0.4534, 0.5106,
0.2351


216.6356, 0.3351,


 0.0000, 0.0000,


0.3184

0.0000


262.8840, 0.3337,
0.3191


 32.9194, 0.3547,
0.3091


 32.9194, 0.3547,
0.3091


 27.2469, 0.3768,
0.3015


 39.6512, 0.3366,
0.3167

 22.5752, 0.4032,
0.2943


 47.4880, 0.3218,
0.3240


 18.8467, 0.4343,
0.2884

 56.4783, 0.3097,
0.3308

 15.9963, 0.4692,
0.2847

 66.6663, 0.2999,
0.3371

 13.9504, 0.5064,
0.2843

 78.0940, 0.2919,
0.3428

■ 12.6235, 0.5429,
0.2883

■ 89.2536, 0.2852,
0.3455

■ 11.8954, 0.5752,
0.2964

■ 90.1106, 0.2781,
0.3306

■ 11.7460, 0.5832,
0.2986

■ 90.2119, 0.2773,
0.3289

Harmonies

Analogous

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



32.9194, 0.3205, 0.2862



32.9194, 0.3547, 0.3091



32.9194, 0.3777, 0.3374

Triad

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



32.9194, 0.3547, 0.3091



32.9194, 0.3371, 0.3917



32.9194, 0.2478, 0.2876

Complementary

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



32.9194, 0.3547, 0.3091



47.5111, 0.2830, 0.3500

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.



32.9194, 0.2517, 0.3149



32.9194, 0.3547, 0.3091



32.9194, 0.3021, 0.3781

Square

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



32.9194, 0.3547, 0.3091



32.9194, 0.3667, 0.3860



32.9194, 0.2711, 0.3488



32.9194, 0.2598, 0.2733

Rectangle

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



32.9194, 0.3547, 0.3091



32.9194, 0.3829, 0.3565



32.9194, 0.2711, 0.3488



32.9194, 0.2473, 0.2955

Sweetspot

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



32.9209, 0.3547, 0.3091



84.8066, 0.3229, 0.3234



32.5287, 0.3011, 0.2587



18.0714, 0.3250, 0.3223



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.



32.9209, 0.3547, 0.3091



53.0441, 0.3679, 0.3044



36.0098, 0.3671, 0.3446



10.1236, 0.3246, 0.3225



7.7332, 0.5798, 0.2967



0.3463, 0.5140, 0.2605

Inverse Universe

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



32.9209, 0.3547, 0.3091



53.0441, 0.3679, 0.3044



43.2326, 0.2718, 0.3128



10.1236, 0.3246, 0.3225



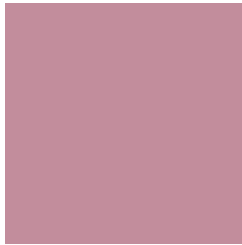
7.7332, 0.5798, 0.2967



0.3463, 0.5140, 0.2605

Previews

White Background



This preview shows how the Yxy color 32.9194, 0.3547, 0.3091 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 32.9194, 0.3547, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

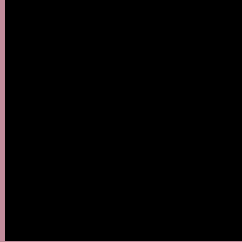
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9194, 0.3547, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 32.9194, 0.3547, 0.3091.



This preview shows how white text looks on a background with the Yxy color 32.9194, 0.3547, 0.3091.

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

32.9194, 0.3547, 0.3091

Protanopia

33.1909, 0.3056, 0.3156

Deuteranopia

33.1242, 0.3303, 0.3247



Tritanopia

33.0823, 0.3587, 0.3157

Trichromacy



Original Color

32.9194, 0.3547, 0.3091

Protanomaly

32.9319, 0.3226, 0.3132

Deuteranomaly

32.8177, 0.3384, 0.3178

Tritanomaly

33.1152, 0.3576, 0.3144

Monochromacy



Original Color

32.9194, 0.3547, 0.3091

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.6958, 0.3273, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9194, 0.3547, 0.3091 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(194, 141, 156)` looks like.

```
.text, #text, p{  
    color:rgb(194, 141, 156)  
}
```

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(194, 141, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 141, 156) }
```

Border

The CSS property to change the border of an element to Yxy 32.9194, 0.3547, 0.3091 is called "border". The border property can be set on classes, ids or directly on the HTML element.

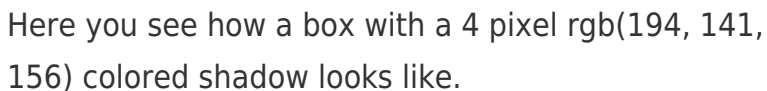
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 141, 156) }
```

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

```
.border{ border-color:rgb(194, 141, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(194, 141, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 141, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 141, 156); box-shadow:4px 4px 4px 4px rgb(194, 141, 156) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9194, 0.3547, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 141, 156) }
```

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

```
.background{ background-color: rgb(194,  
141, 156) }
```

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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