

Converting Colors

$Yxy(32.2953, 0.3623, 0.3135)$

Have a look what the booklet for
Yxy(32.2953, 0.3623, 0.3135)
contains.

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Color

Yxy(32.3017, 0.3618, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	C38B97
RGB	195, 139, 151
RGB Percent	76%, 55%, 59%
CMY	0.2352, 0.4549, 0.4079
CMYK	0.00, 0.29, 0.23, 0.24
HSL	347°, 32%, 65%
HSV	347°, 29%, 76%
XYZ	37.3260, 32.3017, 33.5397
YIQ	157.1120, 29.5240, 15.6040

Conversions

Conversions Part 2

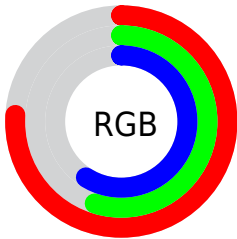
Format	Color
RYB	195, 139, 151
Decimal	12815255
CIELab	63.59, 23.08, 2.16
CIELCh	64, 23.185, 5.334
Yxy	32.3017, 0.3618, 0.3131
Android (android.graphics.Color)	4291005335 (0xFFC38B97)
YUV	157.1120, -3.0132, 33.2278
Hunter-Lab	56.8346, 17.7688, 4.7955

Details

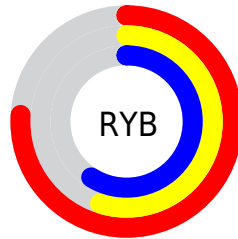
The Yxy color **32.3017, 0.3618, 0.3131** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.9456, 0.2792, 0.3457**, and the grayscale version is **33.7745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2432, 0.3516, 0.3166**, and **13.4750, 0.3786, 0.3072** is the 20% darker color. If you saturate the color by 10%, you get **26.6845, 0.3869, 0.3074**, and if you desaturate by 10%, it is **38.9939, 0.3413, 0.3189**.

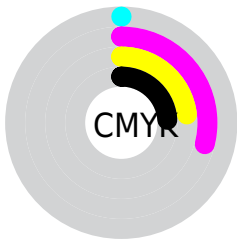
Distribution



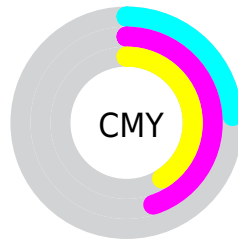
- Red (76%)
- Green (55%)
- Blue (59%)



- Red (76%)
- Yellow (55%)
- Blue (59%)



- Cyan (0%)
- Magenta (29%)
- Yellow (23%)
- Black (24%)





- Cyan (24%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3017, 0.3618, 0.3131 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 32.3017, 0.3618, 0.3131 by changing the saturation by 10% instead.


 32.3017, 0.3618,
0.3131


 32.3017, 0.3618,
0.3131


312.4913, 0.3357,
0.3217

 21.5920, 0.3689,
0.3107


 63.2838, 0.3519,
0.3164

 13.5575, 0.3783,
0.3075


 84.3250, 0.3483,
0.3176

 7.8135, 0.3916,
0.3029


 109.5788, 0.3453,
0.3186

 3.9759, 0.4115,
0.2959

139.4297, 0.3428,
0.3194

 1.6601, 0.4445,
0.2839

174.2619, 0.3406,
0.3201

 0.3976, 0.5817,
0.2446


214.4600, 0.3388,

 0.0000, 0.0000,

0.3207


0.0000


260.4084, 0.3371,
0.3212

 32.3017, 0.3618,
0.3131


 32.3017, 0.3618,
0.3131


 26.6845, 0.3869,
0.3074


 38.9939, 0.3413,
0.3189


 22.0819, 0.4170,
0.3021

 46.8086, 0.3246,
0.3244


 18.4342, 0.4521,
0.2981

 55.7959, 0.3111,
0.3296

 15.6735, 0.4913,
0.2961

 66.0013, 0.3002,
0.3344

 13.7233, 0.5319,
0.2971

 77.4682, 0.2913,
0.3388

■ 12.4934, 0.5699,
0.3019

■ 89.5924, 0.2839,
0.3417

■ 11.8376, 0.6009,
0.3095

■ 90.3440, 0.2778,
0.3289

■ 11.7693, 0.6045,
0.3104

Harmonies

Analogous

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



32.3017, 0.3273, 0.2880



32.3017, 0.3618, 0.3131



32.3017, 0.3828, 0.3429

Triad

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



32.3017, 0.3618, 0.3131



32.3017, 0.3319, 0.3935



32.3017, 0.2462, 0.2822

Complementary

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



32.3017, 0.3618, 0.3131



47.9456, 0.2792, 0.3457

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.



32.3017, 0.2473, 0.3085



32.3017, 0.3618, 0.3131



32.3017, 0.2954, 0.3759

Square

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



32.3017, 0.3618, 0.3131



32.3017, 0.3644, 0.3907



32.3017, 0.2648, 0.3434



32.3017, 0.2614, 0.2699

Rectangle

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



32.3017, 0.3618, 0.3131



32.3017, 0.3857, 0.3624



32.3017, 0.2648, 0.3434



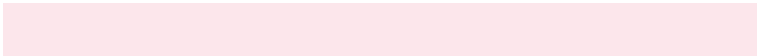
32.3017, 0.2447, 0.2895

Sweetspot

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



32.3032, 0.3618, 0.3131



83.1973, 0.3253, 0.3242



32.4583, 0.3040, 0.2558



17.7391, 0.3275, 0.3234



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.



32.3032, 0.3618, 0.3131



51.7790, 0.3757, 0.3097



36.8678, 0.3694, 0.3504



10.1124, 0.3256, 0.3241



7.6584, 0.6013, 0.3086



0.3414, 0.5382, 0.2739

Inverse Universe

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



32.3032, 0.3618, 0.3131



51.7790, 0.3757, 0.3097



41.7275, 0.2692, 0.3065



10.1124, 0.3256, 0.3241



7.6584, 0.6013, 0.3086



0.3414, 0.5382, 0.2739

Previews

White Background



This preview shows how the Yxy color 32.3017, 0.3618, 0.3131 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 32.3017, 0.3618, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

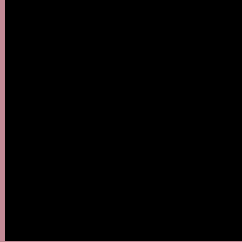
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.3017, 0.3618, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 32.3017, 0.3618, 0.3131.



This preview shows how white text looks on a background with the Yxy color 32.3017, 0.3618, 0.3131.

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

32.3017, 0.3618, 0.3131

Protanopia

32.3536, 0.3102, 0.3200

Deuteranopia

32.3227, 0.3356, 0.3291



Tritanopia

32.2693, 0.3629, 0.3144

Trichromacy



Original Color

32.3017, 0.3618, 0.3131

Protanomaly

32.1262, 0.3278, 0.3175

Deuteranomaly

32.1561, 0.3450, 0.3220

Tritanomaly

32.2693, 0.3629, 0.3144

Monochromacy



Original Color

32.3017, 0.3618, 0.3131

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.8372, 0.3295, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3017, 0.3618, 0.3131 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(195, 139, 151)` looks like.

```
.text, #text, p{  
    color:rgb(195, 139, 151)  
}
```

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(195, 139, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 139, 151) }
```

Border

The CSS property to change the border of an element to Yxy 32.3017, 0.3618, 0.3131 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(195, 139, 151) }
```

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

```
.border{ border-color:rgb(195, 139, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 139, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 139, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 139, 151); box-shadow:4px 4px 4px 4px rgb(195, 139, 151) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3017, 0.3618, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 139, 151) }
```

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

```
.background{ background-color: rgb(195,  
139, 151) }
```

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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