

Converting Colors

$Yxy(32.2011, 0.3388, 0.3150)$

Have a look what the booklet for
Yxy(32.2011, 0.3388, 0.3150)
contains.

| | |
|--|----|
| Yxy(32.2011, 0.3388, 0.3150) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(32.2011, 0.3388, 0.3150)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--|
| Hex | B3919B |
| RGB | 179, 145, 155 |
| RGB Percent | 70%, 57%, 61% |
| CMY | 0.2980, 0.4314, 0.3922 |
| CMYK | 0.00, 0.19, 0.13, 0.30 |
| HSL | 342°, 18%, 64% |
| HSV | 342°, 19%, 70% |
| XYZ | 34.6341, 32.2011, 35.3905 |
| YIQ | 156.3060, 17.0540, 10.3180 |

Conversions

Conversions Part 2

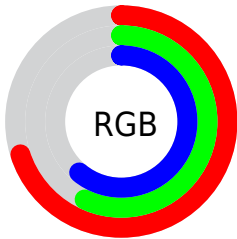
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 179, 145, 155 |
| Decimal | 11768219 |
| CIELab | 63.51, 14.42, -0.43 |
| CIElCh | 64, 14.425, 358.302 |
| Yxy | 32.2011, 0.3388, 0.3150 |
| Android (android.graphics.Color) | 4289958299 (0xFFB3919B) |
| YUV | 156.3060, -0.6439, 19.9026 |
| Hunter-Lab | 56.7460, 9.6393, 2.7451 |

Details

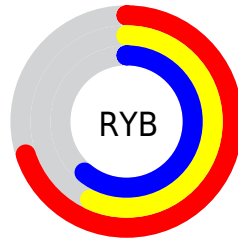
The Yxy color **32.2011, 0.3388, 0.3150** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.1341, 0.2920, 0.3435**, and the grayscale version is **33.3877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1125, 0.3338, 0.3182**, and **13.4405, 0.3477, 0.3094** is the 20% darker color. If you saturate the color by 10%, you get **26.7529, 0.3571, 0.3071**, and if you desaturate by 10%, it is **38.5588, 0.3238, 0.3226**.

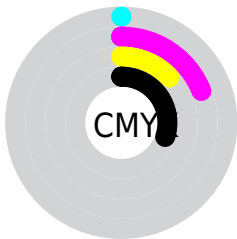
Distribution



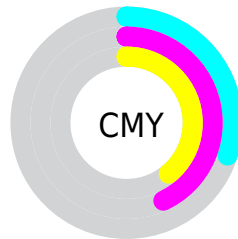
- Red (70%)
- Green (57%)
- Blue (61%)



- Red (70%)
- Yellow (57%)
- Blue (61%)



- Cyan (0%)
- Magenta (19%)
- Yellow (13%)
- Black (30%)



- Cyan (30%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2011, 0.3388, 0.3150 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 32.2011, 0.3388, 0.3150 by changing the saturation by 10% instead.


 32.2011, 0.3388,
0.3150


 32.2011, 0.3388,
0.3150


312.0343, 0.3250,
0.3224

 21.5151, 0.3425,
0.3130


 63.1262, 0.3336,
0.3178

 13.5011, 0.3475,
0.3103


 84.1342, 0.3317,
0.3188

 7.7745, 0.3546,
0.3066


109.3516, 0.3301,
0.3197

 3.9510, 0.3651,
0.3010

139.1628, 0.3287,
0.3204

 1.6462, 0.3826,
0.2917

173.9524, 0.3276,
0.3210

 0.3884, 0.4616,
0.2486

214.1045, 0.3266,


 0.0000, 0.0000,


0.3215


0.0000

260.0037, 0.3257,
0.3220

 32.2011, 0.3388,
0.3150


 32.2011, 0.3388,
0.3150

 26.7529, 0.3571,
0.3071


 38.5588, 0.3238,
0.3226


 22.1682, 0.3793,
0.2993


 45.8607, 0.3116,
0.3297


 18.4035, 0.4058,
0.2920

 54.1447, 0.3016,
0.3363

 15.4099, 0.4367,
0.2861

 63.4456, 0.2935,
0.3423

 13.1331, 0.4713,
0.2826

 73.7964, 0.2868,
0.3478

■ 11.5117, 0.5078,
0.2825

■ 85.2286, 0.2813,
0.3528

■ 10.4737, 0.5434,
0.2869

■ 87.6095, 0.2752,
0.3414

■ 9.8890, 0.5750,
0.2950

■ 88.3261, 0.2696,
0.3289

■ 9.8387, 0.5781,
0.2958

Harmonies

Analogous

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



32.2011, 0.3166, 0.2998



32.2011, 0.3388, 0.3150



32.2011, 0.3541, 0.3340

Triad

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



32.2011, 0.3388, 0.3150



32.2011, 0.3304, 0.3693



32.2011, 0.2696, 0.3033

Complementary

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



32.2011, 0.3388, 0.3150



41.1341, 0.2920, 0.3435

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.



32.2011, 0.2730, 0.3217



32.2011, 0.3388, 0.3150



32.2011, 0.3076, 0.3610

Square

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



32.2011, 0.3388, 0.3150



32.2011, 0.3489, 0.3657



32.2011, 0.2867, 0.3432



32.2011, 0.2771, 0.2927

Rectangle

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



32.2011, 0.3388, 0.3150



32.2011, 0.3580, 0.3467



32.2011, 0.2867, 0.3432



32.2011, 0.2695, 0.3087

Sweetspot

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



32.2025, 0.3388, 0.3150



72.6581, 0.3200, 0.3247



31.9205, 0.3047, 0.2812



15.9177, 0.3208, 0.3242



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



32.2025, 0.3388, 0.3150



53.1857, 0.3464, 0.3116



34.0232, 0.3475, 0.3387



8.5449, 0.3243, 0.3223



6.9608, 0.5750, 0.2941



0.2295, 0.4944, 0.2497

Inverse Universe

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



32.2025, 0.3388, 0.3150



53.1857, 0.3464, 0.3116



38.8625, 0.2841, 0.3190



8.5449, 0.3243, 0.3223



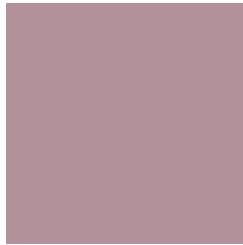
6.9608, 0.5750, 0.2941



0.2295, 0.4944, 0.2497

Previews

White Background



This preview shows how the Yxy color 32.2011, 0.3388, 0.3150 looks on a white background.

Color Contrast Check

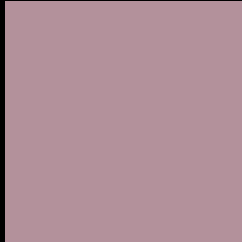
Large Text (above 18pt) WCAG AA × Fail

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 32.2011, 0.3388, 0.3150 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 32.2011, 0.3388, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 32.2011, 0.3388, 0.3150.



This preview shows how white text looks on a background with the Yxy color 32.2011, 0.3388, 0.3150.

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

32.2011, 0.3388, 0.3150

Protanopia

32.2891, 0.3083, 0.3185

Deuteranopia

32.2630, 0.3285, 0.3218



Tritanopia

32.2348, 0.3377, 0.3136

Trichromacy



Original Color

32.2011, 0.3388, 0.3150

Protanomaly

32.1738, 0.3194, 0.3173

Deuteranomaly

32.3971, 0.3329, 0.3204

Tritanomaly

32.2348, 0.3377, 0.3136

Monochromacy



Original Color

32.2011, 0.3388, 0.3150

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.7493, 0.3211, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2011, 0.3388, 0.3150 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(179, 145, 155)` looks like.

```
.text, #text, p{  
    color:rgb(179, 145, 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(179, 145, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 145, 155) }
```

Border

The CSS property to change the border of an element to Yxy 32.2011, 0.3388, 0.3150 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(179, 145, 155) }
```

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

```
.border{ border-color:rgb(179, 145, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 145, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 145, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 145, 155);  
box-shadow:4px 4px 4px 4px rgb(179, 145,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2011, 0.3388, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 145, 155) }
```

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

```
.background{ background-color: rgb(179,  
145, 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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