

Converting Colors

$Y_{xy}(31.7154, 0.3480, 0.3275)$

Have a look what the booklet for
Yxy(31.7154, 0.3480, 0.3275)
contains.

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Color

Yxy(31.7911, 0.3471, 0.3277)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---|
| Hex | B29192 |
| RGB | 178, 145, 146 |
| RGB Percent | 70%, 57%, 57% |
| CMY | 0.3019, 0.4314, 0.4275 |
| CMYK | 0.00, 0.19, 0.18, 0.30 |
| HSL | 358°, 18%, 63% |
| HSV | 358°, 19%, 70% |
| XYZ | 33.6731, 31.7911, 31.5486 |
| YIQ | 154.9810, 19.3470, 7.3070 |

Conversions

Conversions Part 2

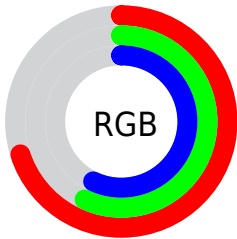
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 178, 145, 146 |
| Decimal | 11702674 |
| CIELab | 63.17, 12.55, 4.16 |
| CIELCh | 63, 13.216, 18.329 |
| Yxy | 31.7911, 0.3471, 0.3277 |
| Android (android.graphics.Color) | 4289892754 (0xFFB29192) |
| YUV | 154.9810, -4.4276, 20.1877 |
| Hunter-Lab | 56.3836, 7.9316, 6.2937 |

Details

The Yxy color **31.7911, 0.3471, 0.3277** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.0375, 0.2861, 0.3303**, and the grayscale version is **32.7835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5094, 0.3399, 0.3280**, and **13.2099, 0.3586, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **26.2744, 0.3723, 0.3270**, and if you desaturate by 10%, it is **38.2442, 0.3268, 0.3284**.

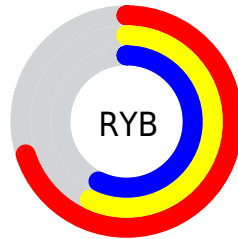
Distribution



Red (70%)

Green (57%)

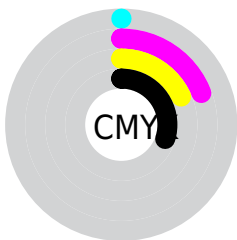
Blue (57%)



Red (70%)

Yellow (57%)

Blue (57%)

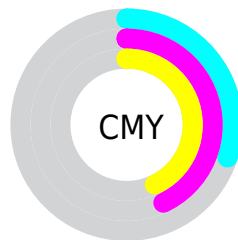


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (30%)



Cyan (30%)


Magenta (43%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.7911, 0.3471, 0.3277 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 31.7911, 0.3471, 0.3277 by changing the saturation by 10% instead.


 31.7911, 0.3471,
0.3277


 31.7911, 0.3471,
0.3277


310.1665, 0.3287,
0.3286

 21.2020, 0.3521,
0.3274


 62.4835, 0.3401,
0.3281

 13.2717, 0.3589,
0.3269


 83.3555, 0.3376,
0.3282

 7.6159, 0.3684,
0.3262

108.4240, 0.3355,
0.3283

 3.8502, 0.3828,
0.3248

138.0732, 0.3337,
0.3284

 1.5901, 0.4072,
0.3221

172.6878, 0.3322,
0.3285

 0.3509, 0.5912,
0.3243


212.6519, 0.3309,


 0.0000, 0.0000,


0.3285


0.0000

258.3500, 0.3297,
0.3285


 31.7911, 0.3471,
0.3277


 31.7911, 0.3471,
0.3277


 26.2744, 0.3723,
0.3270


 38.2442, 0.3268,
0.3284


 21.6465, 0.4034,
0.3263


 45.6699, 0.3106,
0.3291


 17.8624, 0.4409,
0.3257

 54.1075, 0.2975,
0.3297

 14.8711, 0.4842,
0.3253

 63.5930, 0.2869,
0.3303

 12.6163, 0.5308,
0.3254

 74.1607, 0.2783,
0.3308

■ 11.0343, 0.5757,
0.3260

■ 85.8432, 0.2713,
0.3313

■ 10.0505, 0.6118,
0.3272

■ 88.2053, 0.2691,
0.3289

■ 9.5389, 0.6342,
0.3282

■ 9.4769, 0.6368,
0.3282

Harmonies

Analogous

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



31.7911, 0.3304, 0.3109



31.7911, 0.3471, 0.3277



31.7911, 0.3543, 0.3454

Triad

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



31.7911, 0.3471, 0.3277



31.7911, 0.3151, 0.3620



31.7911, 0.2765, 0.2979

Complementary

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



31.7911, 0.3471, 0.3277



41.0375, 0.2861, 0.3303

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.



31.7911, 0.2728, 0.3104



31.7911, 0.3471, 0.3277



31.7911, 0.2946, 0.3481

Square

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



31.7911, 0.3471, 0.3277



31.7911, 0.3354, 0.3661



31.7911, 0.2794, 0.3289



31.7911, 0.2896, 0.2938

Rectangle

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



31.7911, 0.3471, 0.3277



31.7911, 0.3527, 0.3556



31.7911, 0.2794, 0.3289



31.7911, 0.2742, 0.3012

Sweetspot

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



31.7925, 0.3471, 0.3277



72.4631, 0.3225, 0.3286



32.8026, 0.3137, 0.2837



15.8703, 0.3236, 0.3285



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.



31.7925, 0.3471, 0.3277



53.6102, 0.3562, 0.3274



36.7918, 0.3443, 0.3508



8.5092, 0.3283, 0.3284



6.7822, 0.6362, 0.3278



0.2147, 0.6200, 0.3189

Inverse Universe

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



31.7925, 0.3471, 0.3277



53.6102, 0.3562, 0.3274



35.2887, 0.2841, 0.3062



8.5092, 0.3283, 0.3284



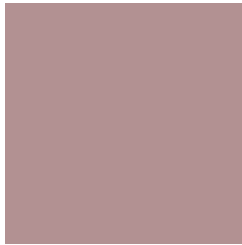
6.7822, 0.6362, 0.3278



0.2147, 0.6200, 0.3189

Previews

White Background



This preview shows how the Yxy color 31.7911, 0.3471, 0.3277 looks on a white background.

Color Contrast Check

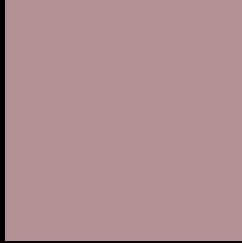
Large Text (above 18pt) WCAG AA × Fail

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 31.7911, 0.3471, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

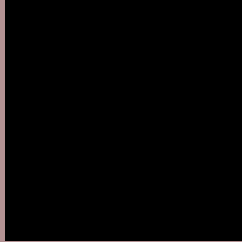
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.7911, 0.3471, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 31.7911, 0.3471, 0.3277.



This preview shows how white text looks on a background with the Yxy color 31.7911, 0.3471, 0.3277.

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

31.7911, 0.3471, 0.3277

Protanopia

31.7264, 0.3186, 0.3321

Deuteranopia

31.8821, 0.3399, 0.3335



Tritanopia

31.8968, 0.3389, 0.3136

Trichromacy



Original Color

31.7911, 0.3471, 0.3277

Protanomaly

31.5573, 0.3283, 0.3290

Deuteranomaly

31.9104, 0.3433, 0.3320

Tritanomaly

31.7972, 0.3421, 0.3178

Monochromacy



Original Color

31.7911, 0.3471, 0.3277

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.1867, 0.3240, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.7911, 0.3471, 0.3277 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(178, 145, 146)` looks like.

```
.text, #text, p{  
    color:rgb(178, 145, 146)  
}
```

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(178, 145, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 145, 146) }
```

Border

The CSS property to change the border of an element to Yxy 31.7911, 0.3471, 0.3277 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(178, 145, 146) }
```

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

```
.border{ border-color:rgb(178, 145, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 145, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 145, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 145, 146);  
box-shadow:4px 4px 4px 4px rgb(178, 145,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 31.7911, 0.3471, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 145, 146) }
```

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

```
.background{ background-color: rgb(178,  
145, 146) }
```

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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