

Converting Colors

$Y_{xy}(31.1292, 0.3283, 0.3040)$

Have a look what the booklet for
Yxy(31.1292, 0.3283, 0.3040)
contains.

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Color

Yxy(31.1817, 0.3286, 0.3048)

Conversions

Conversions Part 1

Format	Color
Hex	AE8FA0
RGB	174, 143, 160
RGB Percent	68%, 56%, 63%
CMY	0.3178, 0.4391, 0.3726
CMYK	0.00, 0.18, 0.08, 0.32
HSL	327°, 16%, 62%
HSV	327°, 18%, 68%
XYZ	33.6165, 31.1817, 37.5040
YIQ	154.2070, 13.0190, 11.8590

Conversions

Conversions Part 2

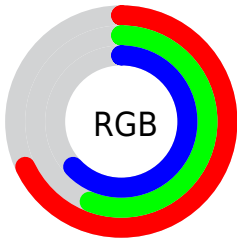
Format	Color
RYB	174, 143, 160
Decimal	11440032
CIELab	62.66, 14.54, -4.57
CIELCh	63, 15.244, 342.539
Yxy	31.1817, 0.3286, 0.3048
Android (android.graphics.Color)	4289630112 (0xFFAE8FA0)
YUV	154.2070, 2.8559, 17.3585
Hunter-Lab	55.8406, 9.7375, -0.7323

Details

The Yxy color $31.1817, 0.3286, 0.3048$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $38.5320, 0.2994, 0.3545$, and the grayscale version is $32.3928, 0.3127, 0.3290$.

A 20% lighter version of the original color is $61.6618, 0.3255, 0.3094$, and $12.9978, 0.3327, 0.2970$ is the 20% darker color. If you saturate the color by 10%, you get $26.0917, 0.3400, 0.2905$, and if you desaturate by 10%, it is $37.1017, 0.3190, 0.3187$.

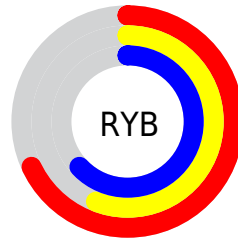
Distribution



Red (68%)

Green (56%)

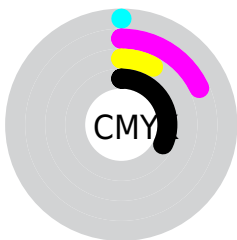
Blue (63%)



Red (68%)

Yellow (56%)

Blue (63%)

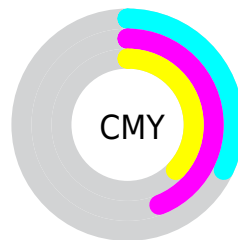


Cyan (0%)

Magenta (18%)

Yellow (8%)

Black (32%)



Cyan (32%)


Magenta (44%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.1817, 0.3286, 0.3048 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 31.1817, 0.3286, 0.3048 by changing the saturation by 10% instead.


 31.1817, 0.3286,
0.3048


 31.1817, 0.3286,
0.3048


307.3745, 0.3202,
0.3175

 20.7372, 0.3308,
0.3014


 61.5260, 0.3255,
0.3096

 12.9321, 0.3338,
0.2970


 82.1947, 0.3243,
0.3113

 7.3818, 0.3379,
0.2908

107.0402, 0.3233,
0.3128

 3.7020, 0.3441,
0.2817

136.4470, 0.3225,
0.3140

 1.5083, 0.3542,
0.2669

170.7994, 0.3218,
0.3151

 0.2946, 0.4044,
0.1876

210.4819, 0.3212,

 0.0000, 0.0000,

0.3160

0.0000

255.8788, 0.3207,
0.3168

■ 31.1817, 0.3286,
0.3048

■ 31.1817, 0.3286,
0.3048

■ 26.0917, 0.3400,
0.2905

■ 37.1017, 0.3190,
0.3187

■ 21.7902, 0.3534,
0.2761

■ 43.8828, 0.3111,
0.3318

■ 18.2380, 0.3690,
0.2624

■ 51.5594, 0.3045,
0.3441

■ 15.3911, 0.3867,
0.2501

■ 60.1629, 0.2990,
0.3555

■ 13.2007, 0.4063,
0.2405

■ 69.7229, 0.2944,
0.3660

■ 11.6120, 0.4273,
0.2347

■ 80.2680, 0.2906,
0.3756

■ 10.5607, 0.4487,
0.2337

■ 85.4177, 0.2869,
0.3744

■ 9.9447, 0.4697,
0.2377

■ 85.8308, 0.2829,
0.3651

■ 9.8289, 0.4745,
0.2388

■ 86.2636, 0.2789,
0.3561

Harmonies

Analogous

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



31.1817, 0.3038, 0.2922



31.1817, 0.3286, 0.3048



31.1817, 0.3496, 0.3234

Triad

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



31.1817, 0.3286, 0.3048



31.1817, 0.3429, 0.3716



31.1817, 0.2672, 0.3110

Complementary

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



31.1817, 0.3286, 0.3048



38.5320, 0.2994, 0.3545

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.



31.1817, 0.2768, 0.3332



31.1817, 0.3286, 0.3048



31.1817, 0.3201, 0.3695

Square

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



31.1817, 0.3286, 0.3048



31.1817, 0.3579, 0.3618



31.1817, 0.2960, 0.3552



31.1817, 0.2691, 0.2949

Rectangle

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



31.1817, 0.3286, 0.3048



31.1817, 0.3583, 0.3372



31.1817, 0.2960, 0.3552



31.1817, 0.2691, 0.3180

Sweetspot

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



31.1831, 0.3286, 0.3048



70.4959, 0.3167, 0.3223



29.8677, 0.2976, 0.2835



15.4865, 0.3173, 0.3214



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



31.1831, 0.3286, 0.3048



53.1088, 0.3325, 0.2997



30.6760, 0.3447, 0.3268



8.0861, 0.3204, 0.3166



7.1446, 0.4723, 0.2376



0.2096, 0.4151, 0.2060

Inverse Universe

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



31.1831, 0.3286, 0.3048



53.1088, 0.3325, 0.2997



39.0929, 0.2876, 0.3312



8.0861, 0.3204, 0.3166



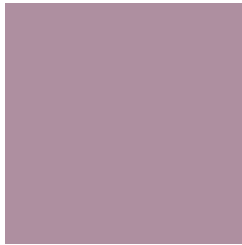
7.1446, 0.4723, 0.2376



0.2096, 0.4151, 0.2060

Previews

White Background



This preview shows how the Yxy color 31.1817, 0.3286, 0.3048 looks on a white background.

Color Contrast Check

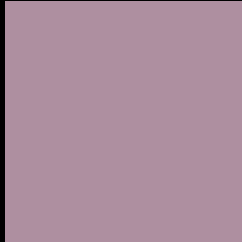
Large Text (above 18pt) WCAG AA × Fail

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 31.1817, 0.3286, 0.3048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

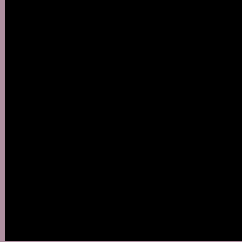
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.1817, 0.3286, 0.3048

Background



This preview shows how black text looks on a background with the Yxy color 31.1817, 0.3286, 0.3048.



This preview shows how white text looks on a background with the Yxy color 31.1817, 0.3286, 0.3048.

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

31.1817, 0.3286, 0.3048

Protanopia

31.4291, 0.2999, 0.3078

Deuteranopia

31.1572, 0.3177, 0.3113



Tritanopia

31.1973, 0.3325, 0.3132

Trichromacy



Original Color

31.1817, 0.3286, 0.3048

Protanomaly

31.1951, 0.3097, 0.3067

Deuteranomaly

31.2765, 0.3219, 0.3100

Tritanomaly

31.2651, 0.3305, 0.3104

Monochromacy



Original Color

31.1817, 0.3286, 0.3048

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.7901, 0.3182, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1817, 0.3286, 0.3048 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(174, 143, 160)` looks like.

```
.text, #text, p{  
    color:rgb(174, 143, 160)  
}
```

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(174, 143, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 143, 160) }
```

Border

The CSS property to change the border of an element to Yxy 31.1817, 0.3286, 0.3048 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(174, 143, 160) }
```

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

```
.border{ border-color:rgb(174, 143, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 143, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 143, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 143, 160);  
box-shadow:4px 4px 4px 4px rgb(174, 143,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1817, 0.3286, 0.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 143, 160) }
```

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

```
.background{ background-color: rgb(174,  
143, 160) }
```

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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