

Converting Colors

$Y_{xy}(29.1533, 0.3225, 0.3110)$

Have a look what the booklet for
Yxy(29.1533, 0.3225, 0.3110)
contains.

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Color

Yxy(29.0310, 0.3232, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	A28D99
RGB	162, 141, 153
RGB Percent	64%, 55%, 60%
CMY	0.3648, 0.4470, 0.4000
CMYK	0.00, 0.13, 0.06, 0.36
HSL	326°, 10%, 59%
HSV	326°, 13%, 64%
XYZ	30.1698, 29.0310, 34.1464
YIQ	148.6470, 8.6640, 8.1840

Conversions

Conversions Part 2

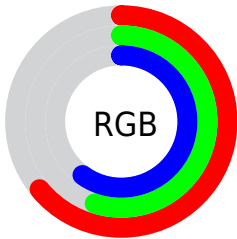
Format	Color
R_{YB}	162, 141, 153
Decimal	10653081
CIE _{Lab}	60.81, 10.00, -3.45
CIE _{LCh}	61, 10.579, 340.958
Yxy	29.0310, 0.3232, 0.3110
Android (android.graphics.Color)	4288843161 (0xFFA28D99)
YUV	148.6470, 2.1460, 11.7106
Hunter-Lab	53.8804, 5.6587, 0.1416

Details

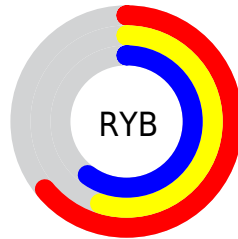
The Yxy color **29.0310, 0.3232, 0.3110** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.6964, 0.3034, 0.3477**, and the grayscale version is **29.8863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.2869, 0.3213, 0.3154**, and **11.7565, 0.3265, 0.3053** is the 20% darker color. If you saturate the color by 10%, you get **24.3765, 0.3331, 0.2964**, and if you desaturate by 10%, it is **34.3999, 0.3149, 0.3250**.

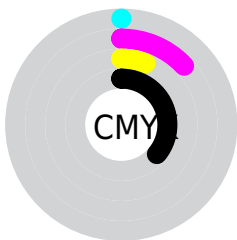
Distribution



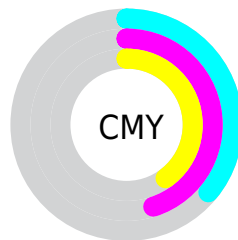
- Red (64%)
- Green (55%)
- Blue (60%)



- Red (64%)
- Yellow (55%)
- Blue (60%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (36%)





- Cyan (36%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0310, 0.3232, 0.3110 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 29.0310, 0.3232, 0.3110 by changing the saturation by 10% instead.


 29.0310, 0.3232,
0.3110


 29.0310, 0.3232,
0.3110


297.3612, 0.3176,
0.3206


 19.1043, 0.3247,
0.3084


 58.1263, 0.3211,
0.3146

 11.7456, 0.3268,
0.3049


 78.0637, 0.3203,
0.3160

 6.5707, 0.3297,
0.3000


 102.1068, 0.3197,
0.3171

 3.1951, 0.3340,
0.2926

130.6400, 0.3191,
0.3180

 1.2344, 0.3415,
0.2801

164.0476, 0.3187,
0.3188

 0.0896, 0.4346,
0.1182

202.7141, 0.3183,

 0.0000, 0.0000,

0.3195

0.0000

247.0238, 0.3179,
0.3201

■ 29.0310, 0.3232,
0.3110

■ 29.0310, 0.3232,
0.3110

■ 24.3765, 0.3331,
0.2964

■ 34.3999, 0.3149,
0.3250

■ 20.4023, 0.3448,
0.2815

■ 40.5081, 0.3079,
0.3382

■ 17.0769, 0.3584,
0.2669

■ 47.3838, 0.3022,
0.3505

■ 14.3651, 0.3740,
0.2533

■ 55.0526, 0.2974,
0.3619

■ 12.2281, 0.3915,
0.2418

■ 63.5390, 0.2934,
0.3724

■ 10.6227, 0.4104,
0.2334

■ 72.8664, 0.2901,
0.3820

■ 9.4995, 0.4302,
0.2293

■ 83.0572, 0.2873,
0.3908

■ 8.7997, 0.4501,
0.2303

■ 83.7778, 0.2839,
0.3829

■ 8.4610, 0.4641,
0.2330

■ 84.1281, 0.2804,
0.3745

Harmonies

Analogous

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



29.0310, 0.3056, 0.3022



29.0310, 0.3232, 0.3110



29.0310, 0.3383, 0.3244

Triad

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



29.0310, 0.3232, 0.3110



29.0310, 0.3350, 0.3590



29.0310, 0.2802, 0.3172

Complementary

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



29.0310, 0.3232, 0.3110



33.6964, 0.3034, 0.3477

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.



29.0310, 0.2876, 0.3330



29.0310, 0.3232, 0.3110



29.0310, 0.3191, 0.3577

Square

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



29.0310, 0.3232, 0.3110



29.0310, 0.3451, 0.3520



29.0310, 0.3018, 0.3481



29.0310, 0.2812, 0.3053

Rectangle

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



29.0310, 0.3232, 0.3110



29.0310, 0.3446, 0.3344



29.0310, 0.3018, 0.3481



29.0310, 0.2818, 0.3223

Sweetspot

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



29.0323, 0.3232, 0.3110



61.2991, 0.3158, 0.3235



28.1219, 0.3015, 0.2967



13.6006, 0.3163, 0.3225



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



29.0323, 0.3232, 0.3110



49.7384, 0.3263, 0.3061



28.7086, 0.3338, 0.3264



7.1506, 0.3200, 0.3162



6.6772, 0.4625, 0.2321



0.1495, 0.3992, 0.1973

Inverse Universe

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



29.0323, 0.3232, 0.3110



49.7384, 0.3263, 0.3061



34.0405, 0.2949, 0.3316



7.1506, 0.3200, 0.3162



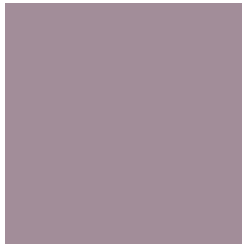
6.6772, 0.4625, 0.2321



0.1495, 0.3992, 0.1973

Previews

White Background



This preview shows how the Yxy color 29.0310, 0.3232, 0.3110 looks on a white background.

Color Contrast Check

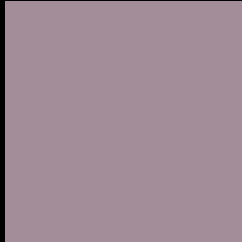
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0310, 0.3232, 0.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

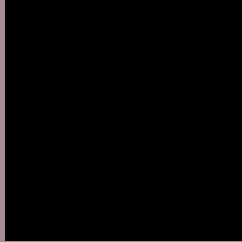
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0310, 0.3232, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 29.0310, 0.3232, 0.3110.



This preview shows how white text looks on a background with the Yxy color 29.0310, 0.3232, 0.3110.

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

29.0310, 0.3232, 0.3110

Protanopia

29.1611, 0.3042, 0.3134

Deuteranopia

28.9150, 0.3188, 0.3123



Tritanopia

28.9981, 0.3242, 0.3125

Trichromacy



Original Color

29.0310, 0.3232, 0.3110

Protanomaly

28.9885, 0.3104, 0.3120

Deuteranomaly

29.0168, 0.3199, 0.3123

Tritanomaly

28.9981, 0.3242, 0.3125

Monochromacy



Original Color

29.0310, 0.3232, 0.3110

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.6298, 0.3172, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0310, 0.3232, 0.3110 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(162, 141, 153)` looks like.

```
.text, #text, p{  
    color:rgb(162, 141, 153)  
}
```

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(162, 141, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 141, 153) }
```

Border

The CSS property to change the border of an element to Yxy 29.0310, 0.3232, 0.3110 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(162, 141, 153) }
```

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

```
.border{ border-color:rgb(162, 141, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 141, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 141, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 141, 153);  
box-shadow:4px 4px 4px 4px rgb(162, 141,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0310, 0.3232, 0.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 141, 153) }
```

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

```
.background{ background-color: rgb(162,  
141, 153) }
```

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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