

Converting Colors

Yxy(31.1882, 0.3214, 0.3258)

Have a look what the booklet for
Yxy(31.1882, 0.3214, 0.3258)
contains.

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Color

Yxy(31.2028, 0.3221, 0.3260)

Conversions

Conversions Part 1	
Format	Color
Hex	A09597
RGB	160, 149, 151
RGB Percent	63%, 58%, 59%
CMY	0.3726, 0.4157, 0.4078
CMYK	0.00, 0.07, 0.06, 0.37
HSL	349°, 5%, 61%
HSV	349°, 7%, 63%
XYZ	30.8295, 31.2028, 33.6818
YIQ	152.5170, 5.9140, 2.9540

Conversions

Conversions Part 2

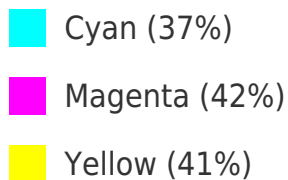
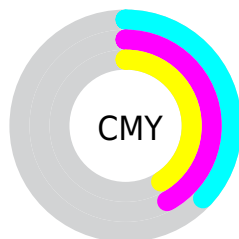
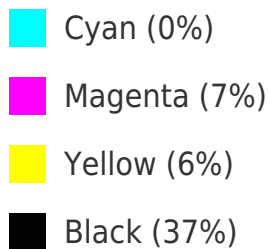
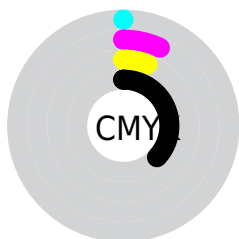
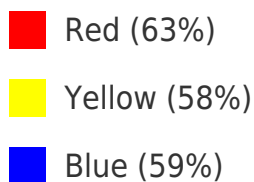
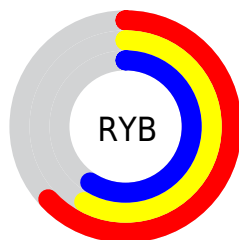
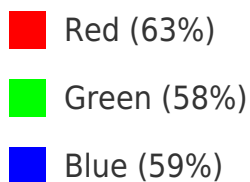
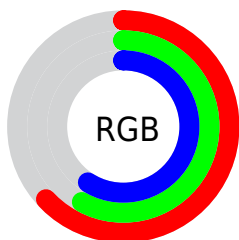
Format	Color
RYB	160, 149, 151
Decimal	10524055
CIELab	62.68, 4.41, 0.39
CIELCh	63, 4.428, 5.063
Yxy	31.2028, 0.3221, 0.3260
Android (android.graphics.Color)	4288714135 (0xFFA09597)
YUV	152.5170, -0.7479, 6.5626
Hunter-Lab	55.8595, 0.7622, 3.3513

Details

The Yxy color **31.2028, 0.3221, 0.3260** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.9956, 0.3041, 0.3320**, and the grayscale version is **31.6363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5667, 0.3206, 0.3267**, and **12.9067, 0.3264, 0.3247** is the 20% darker color. If you saturate the color by 10%, you get **26.0828, 0.3384, 0.3214**, and if you desaturate by 10%, it is **37.0681, 0.3089, 0.3303**.

Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2028, 0.3221, 0.3260 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 31.2028, 0.3221, 0.3260 by changing the saturation by 10% instead.


 31.2028, 0.3221,
0.3260


 31.2028, 0.3221,
0.3260


307.4715, 0.3171,
0.3276

 20.7533, 0.3235,
0.3256


 61.5592, 0.3202,
0.3266

 12.9438, 0.3253,
0.3250


 82.2350, 0.3195,
0.3268

 7.3899, 0.3279,
0.3241


107.0882, 0.3189,
0.3270

 3.7071, 0.3318,
0.3228

136.5034, 0.3185,
0.3272

 1.5111, 0.3385,
0.3206

170.8650, 0.3180,
0.3273

 0.2965, 0.3968,
0.3021

210.5572, 0.3177,

 0.0000, 0.0000,

0.3274


0.0000

255.9646, 0.3174,
0.3275


 31.2028, 0.3221,
0.3260


 31.2028, 0.3221,
0.3260


 26.0828, 0.3384,
0.3214

 37.0681, 0.3089,
0.3303

 21.6743, 0.3585,
0.3165


 43.7025, 0.2981,
0.3343


 17.9470, 0.3832,
0.3117


 51.1342, 0.2893,
0.3379


 14.8667, 0.4129,
0.3072


 59.3882, 0.2821,
0.3412


 12.3964, 0.4478,
0.3035


 68.4889, 0.2762,
0.3442


 10.4952, 0.4871,
0.3015


 78.4593, 0.2713,
0.3469

 9.1174, 0.5284,
0.3019

 85.4349, 0.2663,
0.3428

 8.2099, 0.5678,
0.3054

 86.2123, 0.2605,
0.3288

 7.6931, 0.6006,
0.3116

Harmonies

Analogous

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



31.2028, 0.3157, 0.3206



31.2028, 0.3221, 0.3260



31.2028, 0.3260, 0.3322

Triad

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



31.2028, 0.3221, 0.3260



31.2028, 0.3168, 0.3409



31.2028, 0.2993, 0.3202

Complementary

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



31.2028, 0.3221, 0.3260



33.9956, 0.3041, 0.3320

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.



31.2028, 0.2996, 0.3256



31.2028, 0.3221, 0.3260



31.2028, 0.3097, 0.3377

Square

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



31.2028, 0.3221, 0.3260



31.2028, 0.3229, 0.3409



31.2028, 0.3034, 0.3320



31.2028, 0.3026, 0.3172

Rectangle

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



31.2028, 0.3221, 0.3260



31.2028, 0.3266, 0.3361



31.2028, 0.3034, 0.3320



31.2028, 0.2990, 0.3218

Sweetspot

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



31.2042, 0.3221, 0.3260



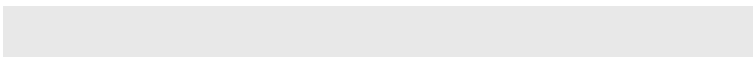
61.6341, 0.3154, 0.3281



31.3012, 0.3114, 0.3126



13.5454, 0.3152, 0.3282



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



31.2042, 0.3221, 0.3260



55.3924, 0.3240, 0.3254



32.2564, 0.3236, 0.3343



6.6650, 0.3257, 0.3249



5.8969, 0.6076, 0.3121



0.1102, 0.5202, 0.2639

Inverse Universe

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



31.2042, 0.3221, 0.3260



55.3924, 0.3240, 0.3254



32.8765, 0.3024, 0.3237



6.6650, 0.3257, 0.3249



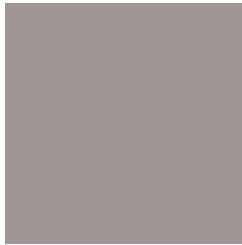
5.8969, 0.6076, 0.3121



0.1102, 0.5202, 0.2639

Previews

White Background



This preview shows how the Yxy color 31.2028, 0.3221, 0.3260 looks on a white background.

Color Contrast Check

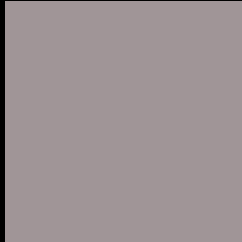
Large Text (above 18pt) WCAG AA × Fail

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 31.2028, 0.3221, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

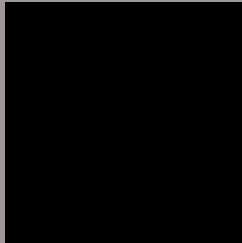
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2028, 0.3221, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 31.2028, 0.3221, 0.3260.

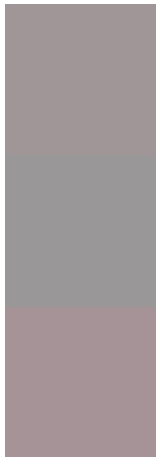


This preview shows how white text looks on a background with the Yxy color 31.2028, 0.3221, 0.3260.

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

31.2028, 0.3221, 0.3260

Protanopia

31.2702, 0.3148, 0.3275

Deuteranopia

31.2088, 0.3287, 0.3231



Tritanopia

31.2601, 0.3155, 0.3127

Trichromacy



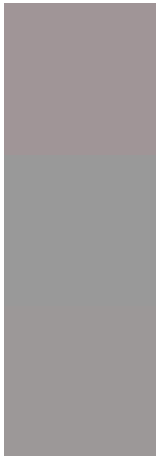
Original Color
31.2028, 0.3221, 0.3260

Protanomaly
31.1476, 0.3169, 0.3260

Deuteranomaly
31.3067, 0.3264, 0.3246

Tritanomaly
31.1572, 0.3184, 0.3171

Monochromacy



Original Color
31.2028, 0.3221, 0.3260

Achromatopsia
31.8547, 0.3127, 0.3290

Achromatomaly
31.7914, 0.3167, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2028, 0.3221, 0.3260 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(160, 149, 151) looks like.

```
.text, #text, p{  
    color:rgb(160, 149, 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(160, 149, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 149, 151) }
```

Border

The CSS property to change the border of an element to Yxy 31.2028, 0.3221, 0.3260 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(160, 149, 151) }
```


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

```
.border{ border-color:rgb(160, 149, 151) }
```

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

Here you see how a box with a 4 pixel rgb(160, 149, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 149, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 149, 151);  
box-shadow:4px 4px 4px 4px rgb(160, 149,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2028, 0.3221, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 149, 151) }
```

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

```
.background{ background-color: rgb(160,  
149, 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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