

Converting Colors

$Y_{xy}(30.8007, 0.3136, 0.3014)$

Have a look what the booklet for
Yxy(30.8007, 0.3136, 0.3014)
contains.

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Color

Yxy(30.8236, 0.3140, 0.3012)

Conversions

Conversions Part 1

Format	Color
Hex	A491A4
RGB	164, 145, 164
RGB Percent	64%, 57%, 64%
CMY	0.3569, 0.4313, 0.3569
CMYK	0.00, 0.12, 0.00, 0.36
HSL	300°, 9%, 61%
HSV	300°, 12%, 64%
XYZ	32.1335, 30.8236, 39.3789
YIQ	152.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

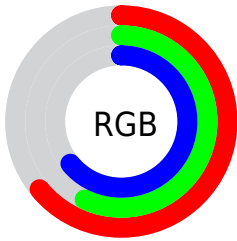
Format	Color
RYB	164, 145, 164
Decimal	10785188
CIELab	62.36, 10.57, -7.39
CIElCh	62, 12.896, 325.019
Yxy	30.8236, 0.3140, 0.3012
Android (android.graphics.Color)	4288975268 (0xFFA491A4)
YUV	152.8470, 5.4984, 9.7812
Hunter-Lab	55.5190, 6.1546, -3.1903

Details

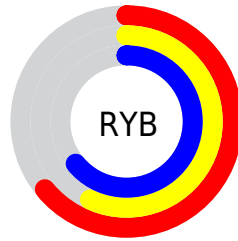
The Yxy color **30.8236, 0.3140, 0.3012** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.6191, 0.3114, 0.3585**, and the grayscale version is **31.7591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0214, 0.3138, 0.3067**, and **12.7990, 0.3144, 0.2937** is the 20% darker color. If you saturate the color by 10%, you get **26.1672, 0.3151, 0.2767**, and if you desaturate by 10%, it is **36.2063, 0.3129, 0.3253**.

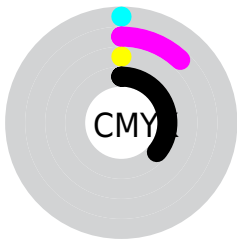
Distribution



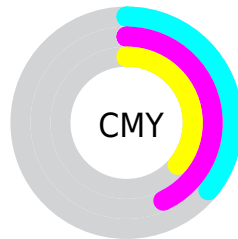
- Red (64%)
- Green (57%)
- Blue (64%)



- Red (64%)
- Yellow (57%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)
- Black (36%)



- Cyan (36%)
- Magenta (43%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.8236, 0.3140, 0.3012 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 30.8236, 0.3140, 0.3012 by changing the saturation by 10% instead.

■ 30.8236, 0.3140,
0.3012

■ 30.8236, 0.3140,
0.3012

305.7248, 0.3134,
0.3158

■ 20.4646, 0.3141,
0.2973

■ 60.9622, 0.3138,
0.3067

■ 12.7332, 0.3142,
0.2922

■ 81.5106, 0.3137,
0.3087

■ 7.2451, 0.3143,
0.2851

106.2243, 0.3137,
0.3103

■ 3.6158, 0.3144,
0.2747

135.4875, 0.3136,
0.3118

■ 1.4611, 0.3141,
0.2577

169.6848, 0.3136,
0.3130

■ 0.2611, 0.3227,
0.1665

209.2005, 0.3135,

■ 0.0000, 0.0000,

0.3140

0.0000

254.4191, 0.3135,
0.3150

■ 30.8236, 0.3140,
0.3012

■ 30.8236, 0.3140,
0.3012

■ 26.1672, 0.3151,
0.2767

■ 36.2063, 0.3129,
0.3253

■ 22.2021, 0.3162,
0.2524

■ 42.3401, 0.3118,
0.3484

■ 18.8967, 0.3173,
0.2292

■ 49.2540, 0.3108,
0.3702

■ 16.2150, 0.3183,
0.2079

■ 56.9738, 0.3099,
0.3904

■ 14.1181, 0.3191,
0.1896

■ 65.5245, 0.3090,
0.4091

■ 12.5622, 0.3198,
0.1748

■ 74.9298, 0.3082,
0.4261

■ 11.4976, 0.3202,
0.1640

■ 82.1038, 0.3077,
0.4371

■ 10.8657, 0.3205,
0.1574

■ 82.1056, 0.3077,
0.4371

■ 10.5552, 0.3207,
0.1540

■ 82.1075, 0.3077,
0.4371

Harmonies

Analogous

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



30.8236, 0.2938, 0.2947



30.8236, 0.3140, 0.3012



30.8236, 0.3344, 0.3145

Triad

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



30.8236, 0.3140, 0.3012



30.8236, 0.3470, 0.3614



30.8236, 0.2775, 0.3245

Complementary

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



30.8236, 0.3140, 0.3012



34.6191, 0.3114, 0.3585

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.



30.8236, 0.2909, 0.3439



30.8236, 0.3140, 0.3012



30.8236, 0.3309, 0.3656

Square

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



30.8236, 0.3140, 0.3012



30.8236, 0.3538, 0.3488



30.8236, 0.3104, 0.3592



30.8236, 0.2733, 0.3073

Rectangle

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



30.8236, 0.3140, 0.3012



30.8236, 0.3452, 0.3258



30.8236, 0.3104, 0.3592



30.8236, 0.2811, 0.3310

Sweetspot

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



30.8249, 0.3140, 0.3012



64.1921, 0.3131, 0.3218



29.0517, 0.2949, 0.3000



13.8593, 0.3131, 0.3199



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.



30.8249, 0.3140, 0.3012



53.5560, 0.3143, 0.2946



30.5072, 0.3230, 0.3145



7.2018, 0.3137, 0.3068



8.0930, 0.3207, 0.1540



0.1702, 0.3208, 0.1541

Inverse Universe

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



30.1918, 0.3329, 0.3290



52.1663, 0.3384, 0.3290



34.9121, 0.3035, 0.3440



7.0861, 0.3285, 0.3290



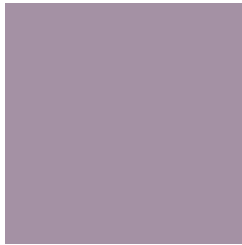
6.0519, 0.6399, 0.3299



0.1272, 0.6392, 0.3295

Previews

White Background



This preview shows how the Yxy color 30.8236, 0.3140, 0.3012 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 30.8236, 0.3140, 0.3012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

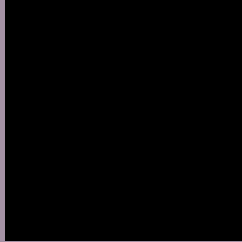
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.8236, 0.3140, 0.3012

Background



This preview shows how black text looks on a background with the Yxy color 30.8236, 0.3140, 0.3012.



This preview shows how white text looks on a background with the Yxy color 30.8236, 0.3140, 0.3012.

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

30.8236, 0.3140, 0.3012

Protanopia

30.9923, 0.2962, 0.3032

Deuteranopia

31.0214, 0.3098, 0.3038



Tritanopia

30.8129, 0.3187, 0.3112

Trichromacy



Original Color

30.8236, 0.3140, 0.3012

Protanomaly

30.8030, 0.3020, 0.3020

Deuteranomaly

30.8152, 0.3109, 0.3024

Tritanomaly

30.8824, 0.3168, 0.3083

Monochromacy



Original Color

30.8236, 0.3140, 0.3012

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.4151, 0.3132, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8236, 0.3140, 0.3012 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(164, 145, 164)` looks like.

```
.text, #text, p{  
    color:rgb(164, 145, 164)  
}
```

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(164, 145, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 145, 164) }
```

Border

The CSS property to change the border of an element to Yxy 30.8236, 0.3140, 0.3012 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(164, 145, 164) }
```

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

```
.border{ border-color:rgb(164, 145, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 145, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 145, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 145, 164);  
box-shadow:4px 4px 4px 4px rgb(164, 145,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8236, 0.3140, 0.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 145, 164) }
```

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

```
.background{ background-color: rgb(164,  
145, 164) }
```

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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