

Converting Colors

$Yxy(31.2462, 0.3384, 0.3362)$

Have a look what the booklet for
Yxy(31.2462, 0.3384, 0.3362)
contains.

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Color

Yxy(31.0661, 0.3379, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	A7938F
RGB	167, 147, 143
RGB Percent	65%, 58%, 56%
CMY	0.3449, 0.4236, 0.4392
CMYK	0.00, 0.12, 0.14, 0.34
HSL	10°, 12%, 61%
HSV	10°, 14%, 66%
XYZ	31.3350, 31.0661, 30.3335
YIQ	152.5240, 13.2040, 2.9960

Conversions

Conversions Part 2

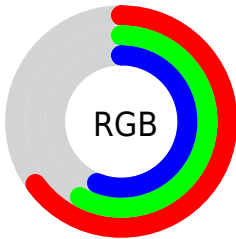
Format	Color
R_{YB}	167, 148, 143
Decimal	10982287
CIE _{Lab}	62.56, 6.77, 4.83
CIE _{LCh}	63, 8.321, 35.500
Yxy	31.0661, 0.3379, 0.3350
Android (android.graphics.Color)	4289172367 (0xFFA7938F)
YUV	152.5240, -4.6953, 12.6955
Hunter-Lab	55.7370, 2.8121, 6.7487




Details

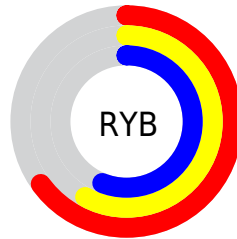
The Yxy color **31.0661, 0.3379, 0.3350** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8479, 0.2911, 0.3229**, and the grayscale version is **31.6569, 0.3127, 0.3290**.




A 20% lighter version of the original color is **61.3341, 0.3322, 0.3336**, and **12.8009, 0.3467, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **26.5236, 0.3600, 0.3395**, and if you desaturate by 10%, it is **36.2119, 0.3197, 0.3308**.

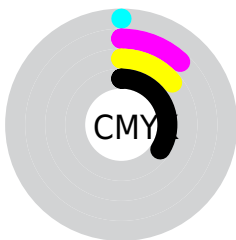
Distribution







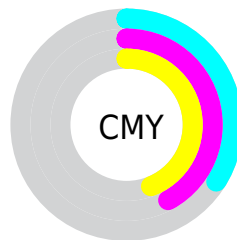
-  Red (65%)
-  Green (58%)
-  Blue (56%)






-  Red (65%)
-  Yellow (58%)
-  Blue (56%)



-  Cyan (0%)
-  Magenta (12%)
-  Yellow (14%)
-  Black (34%)





-  Cyan (34%)
-  Magenta (42%)
-  Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0661, 0.3379, 0.3350 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 31.0661, 0.3379, 0.3350 by changing the saturation by 10% instead.


 31.0661, 0.3379,
0.3350

 31.0661, 0.3379,
0.3350


306.8427, 0.3244,
0.3319

 20.6492, 0.3416,
0.3358


 61.3441, 0.3327,
0.3339

 12.8678, 0.3466,
0.3368


 81.9740, 0.3309,
0.3334

 7.3376, 0.3537,
0.3382


106.7770, 0.3293,
0.3331

 3.6741, 0.3645,
0.3402

136.1376, 0.3280,
0.3328

 1.4930, 0.3829,
0.3431

170.4400, 0.3269,
0.3325

 0.2838, 0.6052,
0.3948

210.0688, 0.3260,

 0.0000, 0.0000,

0.3323

0.0000

255.4082, 0.3251,
0.3321

■ 31.0661, 0.3379,
0.3350

■ 31.0661, 0.3379,
0.3350

■ 26.5236, 0.3600,
0.3395

■ 36.2119, 0.3197,
0.3308

■ 22.5583, 0.3866,
0.3441

■ 41.9777, 0.3046,
0.3268

■ 19.1481, 0.4183,
0.3485

■ 48.3847, 0.2922,
0.3233

■ 16.2681, 0.4550,
0.3522

■ 55.4519, 0.2819,
0.3200

■ 13.8915, 0.4958,
0.3546

■ 63.1976, 0.2733,
0.3170

■ 11.9889, 0.5380,
0.3549

■ 71.6390, 0.2660,
0.3144

■ 10.5279, 0.5772,
0.3523

■ 80.4711, 0.2622,
0.3173

■ 9.4721, 0.6084,
0.3469

■ 86.9602, 0.2638,
0.3289

■ 9.0354, 0.6225,
0.3439

Harmonies

Analogous

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



31.0661, 0.3305, 0.3235



31.0661, 0.3379, 0.3350



31.0661, 0.3383, 0.3453

Triad

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



31.0661, 0.3379, 0.3350



31.0661, 0.3067, 0.3453



31.0661, 0.2938, 0.3069

Complementary

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



31.0661, 0.3379, 0.3350



34.8479, 0.2911, 0.3229

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.



31.0661, 0.2877, 0.3122



31.0661, 0.3379, 0.3350



31.0661, 0.2951, 0.3344

Square

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



31.0661, 0.3379, 0.3350



31.0661, 0.3201, 0.3516



31.0661, 0.2882, 0.3222



31.0661, 0.3049, 0.3075

Rectangle

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



31.0661, 0.3379, 0.3350



31.0661, 0.3346, 0.3500



31.0661, 0.2882, 0.3222



31.0661, 0.2911, 0.3080

Sweetspot

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



31.0675, 0.3379, 0.3350



65.1262, 0.3191, 0.3306



30.5271, 0.3179, 0.2993



14.4141, 0.3204, 0.3309



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



31.0675, 0.3379, 0.3350



53.1256, 0.3439, 0.3363



34.8729, 0.3355, 0.3520



7.7357, 0.3282, 0.3328



6.9608, 0.6211, 0.3450



0.2263, 0.5691, 0.3863

Inverse Universe

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



34.8479, 0.2911, 0.3229



61.1009, 0.2868, 0.3216



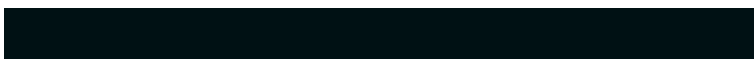
30.9003, 0.2905, 0.3049



8.3173, 0.2987, 0.3252



16.3996, 0.2101, 0.2763



0.4535, 0.2154, 0.2955

Previews

White Background



This preview shows how the Yxy color 31.0661, 0.3379, 0.3350 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 31.0661, 0.3379, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

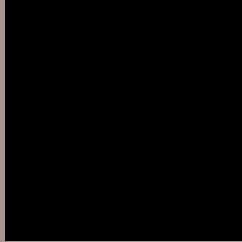
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0661, 0.3379, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 31.0661, 0.3379, 0.3350.



This preview shows how white text looks on a background with the Yxy color 31.0661, 0.3379, 0.3350.

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

31.0661, 0.3379, 0.3350

Protanopia

31.2455, 0.3235, 0.3382

Deuteranopia

30.9760, 0.3402, 0.3335



Tritanopia

31.0861, 0.3271, 0.3130

Trichromacy



Original Color

31.0661, 0.3379, 0.3350

Protanomaly

31.2999, 0.3288, 0.3382

Deuteranomaly

30.8658, 0.3391, 0.3335

Tritanomaly

31.1170, 0.3310, 0.3217

Monochromacy



Original Color

31.0661, 0.3379, 0.3350

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.5722, 0.3218, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0661, 0.3379, 0.3350 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(167, 147, 143)` looks like.

```
.text, #text, p{  
    color:rgb(167, 147, 143)  
}
```

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(167, 147, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 147, 143) }
```

Border

The CSS property to change the border of an element to Yxy 31.0661, 0.3379, 0.3350 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(167, 147, 143) }
```

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

```
.border{ border-color:rgb(167, 147, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 147, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 147, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 147, 143);  
box-shadow:4px 4px 4px 4px rgb(167, 147,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0661, 0.3379, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 147, 143) }
```

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

```
.background{ background-color: rgb(167,  
147, 143) }
```

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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