

Converting Colors

$Yxy(30.7374, 0.3390, 0.3256)$

Have a look what the booklet for
Yxy(30.7374, 0.3390, 0.3256)
contains.

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Color

Yxy(30.7110, 0.3387, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	AB9093
RGB	171, 144, 147
RGB Percent	67%, 56%, 58%
CMY	0.3294, 0.4353, 0.4236
CMYK	0.00, 0.16, 0.14, 0.33
HSL	353°, 14%, 62%
HSV	353°, 16%, 67%
XYZ	32.0352, 30.7110, 31.8365
YIQ	152.4150, 15.1290, 6.6570

Conversions

Conversions Part 2

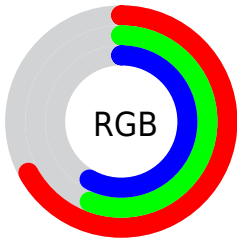
Format	Color
R _Y B	171, 144, 147
Decimal	11243667
CIE Lab	62.26, 10.62, 2.19
CIE LCh	62, 10.846, 11.654
Yxy	30.7110, 0.3387, 0.3247
Android (android.graphics.Color)	4289433747 (0xFFAB9093)
YUV	152.4150, -2.6696, 16.2990
Hunter-Lab	55.4175, 6.2047, 4.7310

Details

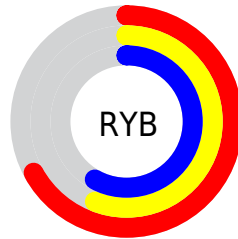
The Yxy color **30.7110, 0.3387, 0.3247** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8881, 0.2916, 0.3334**, and the grayscale version is **31.5957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9361, 0.3336, 0.3257**, and **12.7200, 0.3460, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **25.4720, 0.3603, 0.3218**, and if you desaturate by 10%, it is **36.8006, 0.3212, 0.3275**.

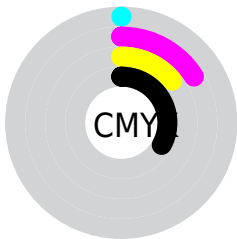
Distribution



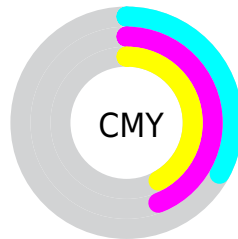
- Red (67%)
- Green (56%)
- Blue (58%)



- Red (67%)
- Yellow (56%)
- Blue (58%)



- Cyan (0%)
- Magenta (16%)
- Yellow (14%)
- Black (33%)





- Cyan (33%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7110, 0.3387, 0.3247 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 30.7110, 0.3387, 0.3247 by changing the saturation by 10% instead.


 30.7110, 0.3387,
0.3247


 30.7110, 0.3387,
0.3247


305.2047, 0.3248,
0.3271

 20.3789, 0.3425,
0.3240


 60.7848, 0.3334,
0.3256

 12.6708, 0.3477,
0.3231


 81.2952, 0.3315,
0.3260

 7.2022, 0.3550,
0.3217


105.9673, 0.3299,
0.3262

 3.5889, 0.3662,
0.3195

135.1852, 0.3285,
0.3265

 1.4464, 0.3853,
0.3155

169.3336, 0.3274,
0.3267

 0.2505, 0.5734,
0.2888

208.7967, 0.3264,

 0.0000, 0.0000,

0.3268

0.0000

253.9589, 0.3255,
0.3270

■ 30.7110, 0.3387,
0.3247

■ 30.7110, 0.3387,
0.3247

■ 25.4720, 0.3603,
0.3218

■ 36.8006, 0.3212,
0.3275

■ 21.0419, 0.3870,
0.3189

■ 43.7720, 0.3072,
0.3301

■ 17.3815, 0.4193,
0.3162

■ 51.6598, 0.2958,
0.3324

■ 14.4468, 0.4574,
0.3141

■ 60.4956, 0.2865,
0.3346

■ 12.1896, 0.5001,
0.3131

■ 70.3095, 0.2789,
0.3365

■ 10.5553, 0.5443,
0.3137

■ 81.1301, 0.2727,
0.3383

■ 9.4813, 0.5848,
0.3164

■ 87.3012, 0.2664,
0.3305

■ 8.8869, 0.6158,
0.3209

■ 87.3993, 0.2657,
0.3289

■ 8.7059, 0.6260,
0.3222

Harmonies

Analogous

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



30.7110, 0.3237, 0.3112



30.7110, 0.3387, 0.3247



30.7110, 0.3467, 0.3397

Triad

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



30.7110, 0.3387, 0.3247



30.7110, 0.3187, 0.3578



30.7110, 0.2811, 0.3049

Complementary

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



30.7110, 0.3387, 0.3247



37.8881, 0.2916, 0.3334

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.



30.7110, 0.2799, 0.3168



30.7110, 0.3387, 0.3247



30.7110, 0.3013, 0.3479

Square

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



30.7110, 0.3387, 0.3247



30.7110, 0.3349, 0.3593



30.7110, 0.2872, 0.3326



30.7110, 0.2905, 0.2998

Rectangle

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



30.7110, 0.3387, 0.3247



30.7110, 0.3468, 0.3486



30.7110, 0.2872, 0.3326



30.7110, 0.2798, 0.3082

Sweetspot

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



30.7124, 0.3387, 0.3247



66.7266, 0.3201, 0.3277



31.1973, 0.3113, 0.2904



14.7016, 0.3212, 0.3275



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



30.7124, 0.3387, 0.3247



51.5024, 0.3458, 0.3237



33.9017, 0.3395, 0.3441



8.0292, 0.3270, 0.3265



6.5661, 0.6244, 0.3213



0.1871, 0.5695, 0.2911

Inverse Universe

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



30.7124, 0.3387, 0.3247



51.5024, 0.3458, 0.3237



34.2406, 0.2887, 0.3134



8.0292, 0.3270, 0.3265



6.5661, 0.6244, 0.3213



0.1871, 0.5695, 0.2911

Previews

White Background



This preview shows how the Yxy color 30.7110, 0.3387, 0.3247 looks on a white background.

Color Contrast Check

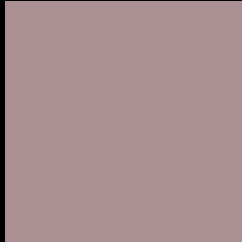
Large Text (above 18pt) WCAG AA × Fail

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 30.7110, 0.3387, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

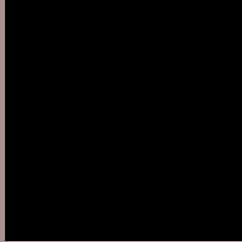
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.7110, 0.3387, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 30.7110, 0.3387, 0.3247.



This preview shows how white text looks on a background with the Yxy color 30.7110, 0.3387, 0.3247.

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

30.7110, 0.3387, 0.3247

Protanopia

30.7870, 0.3158, 0.3290

Deuteranopia

30.8798, 0.3340, 0.3276



Tritanopia

30.7487, 0.3327, 0.3131

Trichromacy



Original Color

30.7110, 0.3387, 0.3247

Protanomaly

30.8233, 0.3242, 0.3275

Deuteranomaly

30.6822, 0.3352, 0.3261

Tritanomaly

30.6499, 0.3358, 0.3174

Monochromacy



Original Color

30.7110, 0.3387, 0.3247

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.0678, 0.3221, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7110, 0.3387, 0.3247 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(171, 144, 147)` looks like.

```
.text, #text, p{  
    color:rgb(171, 144, 147)  
}
```

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(171, 144, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 144, 147) }
```

Border

The CSS property to change the border of an element to Yxy 30.7110, 0.3387, 0.3247 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(171, 144, 147) }
```

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

```
.border{ border-color:rgb(171, 144, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 144, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 144, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 144, 147);  
box-shadow:4px 4px 4px 4px rgb(171, 144,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7110, 0.3387, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 144, 147) }
```

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

```
.background{ background-color: rgb(171,  
144, 147) }
```

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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