

Converting Colors

$Yxy(30.5408, 0.3322, 0.3160)$

Have a look what the booklet for
Yxy(30.5408, 0.3322, 0.3160)
contains.

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Color

Yxy(30.4580, 0.3326, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	AA8F98
RGB	170, 143, 152
RGB Percent	67%, 56%, 60%
CMY	0.3333, 0.4392, 0.4040
CMYK	0.00, 0.16, 0.11, 0.33
HSL	340°, 14%, 61%
HSV	340°, 16%, 67%
XYZ	32.0682, 30.4580, 33.8904
YIQ	152.0990, 13.2030, 8.5230

Conversions

Conversions Part 2

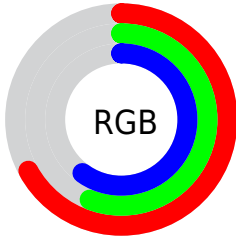
Format	Color
RYB	170, 143, 152
Decimal	11177880
CIELab	62.05, 11.67, -0.98
CIELCh	62, 11.712, 355.220
Yxy	30.4580, 0.3326, 0.3159
Android (android.graphics.Color)	4289367960 (0xFFAA8F98)
YUV	152.0990, -0.0488, 15.6992
Hunter-Lab	55.1888, 7.1394, 2.2232

Details

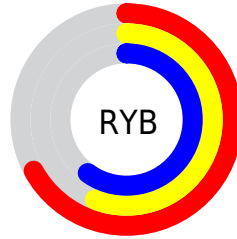
The Yxy color **30.4580, 0.3326, 0.3159** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.1664, 0.2962, 0.3425**, and the grayscale version is **31.4411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3963, 0.3283, 0.3190**, and **12.6198, 0.3401, 0.3125** is the 20% darker color. If you saturate the color by 10%, you get **25.3818, 0.3487, 0.3071**, and if you desaturate by 10%, it is **36.3461, 0.3194, 0.3243**.

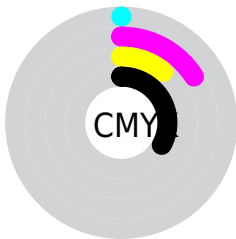
Distribution



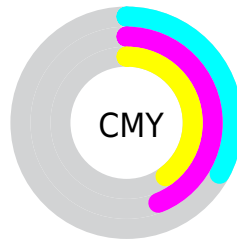
- Red (67%)
- Green (56%)
- Blue (60%)



- Red (67%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (16%)
- Yellow (11%)
- Black (33%)





- Cyan (33%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4580, 0.3326, 0.3159 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 30.4580, 0.3326, 0.3159 by changing the saturation by 10% instead.


 30.4580, 0.3326,
0.3159


 30.4580, 0.3326,
0.3159


304.0335, 0.3220,
0.3229

 20.1865, 0.3355,
0.3140


 60.3857, 0.3286,
0.3186

 12.5307, 0.3394,
0.3115


 80.8107, 0.3271,
0.3195

 7.1062, 0.3449,
0.3079


 105.3890, 0.3259,
0.3203

 3.5286, 0.3533,
0.3024

134.5050, 0.3249,
0.3210

 1.4135, 0.3676,
0.2933

168.5430, 0.3240,
0.3216

 0.2267, 0.4802,
0.2175

207.8875, 0.3232,

 0.0000, 0.0000,

0.3221

0.0000

252.9229, 0.3226,
0.3225

■ 30.4580, 0.3326,
0.3159

■ 30.4580, 0.3326,
0.3159

■ 25.3818, 0.3487,
0.3071

■ 36.3461, 0.3194,
0.3243

■ 21.0776, 0.3683,
0.2982

■ 43.0753, 0.3085,
0.3322

■ 17.5084, 0.3917,
0.2897

■ 50.6787, 0.2996,
0.3394

■ 14.6326, 0.4191,
0.2822

■ 59.1862, 0.2923,
0.3461

■ 12.4043, 0.4502,
0.2769

■ 68.6262, 0.2863,
0.3522

■ 10.7718, 0.4840,
0.2748

■ 79.0260, 0.2814,
0.3577

■ 9.6758, 0.5182,
0.2771

■ 85.8584, 0.2765,
0.3554

■ 9.0385, 0.5502,
0.2841

■ 86.5217, 0.2710,
0.3424

■ 8.8383, 0.5627,
0.2874

■ 87.2273, 0.2656,
0.3299

Harmonies

Analogous

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



30.4580, 0.3141, 0.3036



30.4580, 0.3326, 0.3159



30.4580, 0.3460, 0.3316

Triad

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



30.4580, 0.3326, 0.3159



30.4580, 0.3293, 0.3623



30.4580, 0.2767, 0.3092

Complementary

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



30.4580, 0.3326, 0.3159



37.1664, 0.2962, 0.3425

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.



30.4580, 0.2805, 0.3249



30.4580, 0.3326, 0.3159



30.4580, 0.3105, 0.3564

Square

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



30.4580, 0.3326, 0.3159



30.4580, 0.3439, 0.3587



30.4580, 0.2928, 0.3424



30.4580, 0.2821, 0.2994

Rectangle

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



30.4580, 0.3326, 0.3159



30.4580, 0.3499, 0.3423



30.4580, 0.2928, 0.3424



30.4580, 0.2769, 0.3139

Sweetspot

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



30.4594, 0.3326, 0.3159



66.8521, 0.3184, 0.3249



30.1260, 0.3053, 0.2895



14.7332, 0.3192, 0.3244



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.



30.4594, 0.3326, 0.3159



51.9097, 0.3378, 0.3129



31.5546, 0.3410, 0.3357



7.5820, 0.3236, 0.3215



6.5103, 0.5599, 0.2858



0.1678, 0.4693, 0.2359

Inverse Universe

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



30.4594, 0.3326, 0.3159



51.9097, 0.3378, 0.3129



35.8362, 0.2889, 0.3222



7.5820, 0.3236, 0.3215



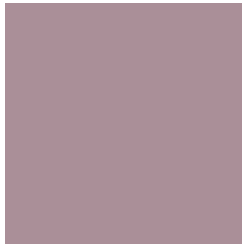
6.5103, 0.5599, 0.2858



0.1678, 0.4693, 0.2359

Previews

White Background



This preview shows how the Yxy color 30.4580, 0.3326, 0.3159 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 30.4580, 0.3326, 0.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

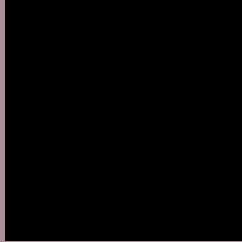
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4580, 0.3326, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 30.4580, 0.3326, 0.3159.



This preview shows how white text looks on a background with the Yxy color 30.4580, 0.3326, 0.3159.

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

30.4580, 0.3326, 0.3159

Protanopia

30.4745, 0.3082, 0.3182

Deuteranopia

30.4103, 0.3259, 0.3186



Tritanopia

30.5241, 0.3305, 0.3130

Trichromacy



Original Color

30.4580, 0.3326, 0.3159

Protanomaly

30.5031, 0.3164, 0.3169

Deuteranomaly

30.3205, 0.3281, 0.3172

Tritanomaly

30.4909, 0.3315, 0.3144

Monochromacy



Original Color

30.4580, 0.3326, 0.3159

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.1328, 0.3201, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4580, 0.3326, 0.3159 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(170, 143, 152)` looks like.

```
.text, #text, p{  
    color:rgb(170, 143, 152)  
}
```

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(170, 143, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 143, 152) }
```

Border

The CSS property to change the border of an element to Yxy 30.4580, 0.3326, 0.3159 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(170, 143, 152) }
```

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

```
.border{ border-color:rgb(170, 143, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 143, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 143, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 143, 152);  
box-shadow:4px 4px 4px 4px rgb(170, 143,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4580, 0.3326, 0.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 143, 152) }
```

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

```
.background{ background-color: rgb(170,  
143, 152) }
```

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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