

Converting Colors

Yxy(31.4987, 0.3254, 0.3206)

Have a look what the booklet for
Yxy(31.4987, 0.3254, 0.3206)
contains.

Yxy(31.5122, 0.3245, 0.3202)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.5122, 0.3245, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	A5949A
RGB	165, 148, 154
RGB Percent	65%, 58%, 60%
CMY	0.3530, 0.4196, 0.3961
CMYK	0.00, 0.10, 0.07, 0.35
HSL	339°, 9%, 61%
HSV	339°, 10%, 65%
XYZ	31.9354, 31.5122, 34.9665
YIQ	153.7670, 8.2060, 5.4700

Conversions

Conversions Part 2

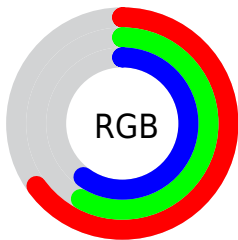
Format	Color
RYB	165, 148, 154
Decimal	10851482
CIELab	62.94, 7.35, -0.86
CIELCh	63, 7.403, 353.323
Yxy	31.5122, 0.3245, 0.3202
Android (android.graphics.Color)	4289041562 (0xFFA5949A)
YUV	153.7670, 0.1149, 9.8513
Hunter-Lab	56.1357, 3.3104, 2.3637

Details

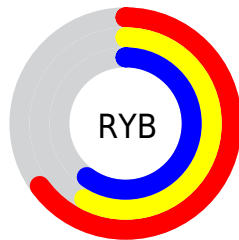
The Yxy color **31.5122, 0.3245, 0.3202** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.7025, 0.3022, 0.3380**, and the grayscale version is **32.2036, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0108, 0.3223, 0.3223**, and **13.0394, 0.3284, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **26.3607, 0.3385, 0.3111**, and if you desaturate by 10%, it is **37.4358, 0.3130, 0.3288**.

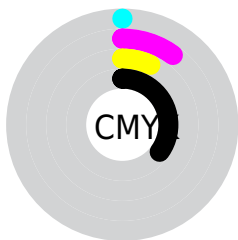
Distribution



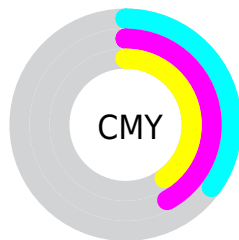
- Red (65%)
- Green (58%)
- Blue (60%)



- Red (65%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (35%)





- Cyan (35%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5122, 0.3245, 0.3202 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 31.5122, 0.3245, 0.3202 by changing the saturation by 10% instead.


 31.5122, 0.3245,
0.3202


 31.5122, 0.3245,
0.3202


308.8911, 0.3182,
0.3249

 20.9892, 0.3262,
0.3189


 62.0456, 0.3221,
0.3220

 13.1161, 0.3285,
0.3172


 82.8247, 0.3213,
0.3226

 7.5085, 0.3317,
0.3149


107.7914, 0.3205,
0.3231

 3.7821, 0.3365,
0.3113

137.3300, 0.3199,
0.3236

 1.5524, 0.3446,
0.3054

171.8248, 0.3194,
0.3240

 0.3252, 0.3979,
0.2648


211.6604, 0.3190,


 0.0000, 0.0000,

0.3243

0.0000

257.2210, 0.3186,
0.3246

 31.5122, 0.3245,
0.3202


 31.5122, 0.3245,
0.3202


 26.3607, 0.3385,
0.3111


 37.4358, 0.3130,
0.3288


 21.9454, 0.3555,
0.3018


 44.1574, 0.3036,
0.3367


 18.2334, 0.3759,
0.2925

 51.7068, 0.2958,
0.3441

 15.1881, 0.4001,
0.2838

 60.1109, 0.2895,
0.3508

 12.7691, 0.4281,
0.2767

 69.3955, 0.2842,
0.3569

■ 10.9319, 0.4594,
0.2722

■ 79.5853, 0.2799,
0.3625

■ 9.6261, 0.4924,
0.2715

■ 85.1620, 0.2753,
0.3586

■ 8.7921, 0.5251,
0.2755

■ 85.7766, 0.2701,
0.3462

■ 8.3038, 0.5547,
0.2829

■ 86.4287, 0.2651,
0.3342

Harmonies

Analogous

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



31.5122, 0.3129, 0.3125



31.5122, 0.3245, 0.3202



31.5122, 0.3330, 0.3302

Triad

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



31.5122, 0.3245, 0.3202



31.5122, 0.3238, 0.3497



31.5122, 0.2900, 0.3173

Complementary

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



31.5122, 0.3245, 0.3202



35.7025, 0.3022, 0.3380

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.



31.5122, 0.2928, 0.3273



31.5122, 0.3245, 0.3202



31.5122, 0.3122, 0.3463

Square

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



31.5122, 0.3245, 0.3202



31.5122, 0.3326, 0.3473



31.5122, 0.3009, 0.3380



31.5122, 0.2931, 0.3107

Rectangle

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



31.5122, 0.3245, 0.3202



31.5122, 0.3357, 0.3370



31.5122, 0.3009, 0.3380



31.5122, 0.2903, 0.3204

Sweetspot

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



31.5136, 0.3245, 0.3202



63.9829, 0.3160, 0.3265



31.2458, 0.3076, 0.3039



13.8020, 0.3168, 0.3258



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.



31.5136, 0.3245, 0.3202



54.5616, 0.3270, 0.3185



32.0360, 0.3301, 0.3324



7.1253, 0.3232, 0.3211



6.2925, 0.5521, 0.2815



0.1409, 0.4571, 0.2292

Inverse Universe

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



31.5136, 0.3245, 0.3202



54.5616, 0.3270, 0.3185



35.1064, 0.2972, 0.3256



7.1253, 0.3232, 0.3211



6.2925, 0.5521, 0.2815



0.1409, 0.4571, 0.2292

Previews

White Background



This preview shows how the Yxy color 31.5122, 0.3245, 0.3202 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 31.5122, 0.3245, 0.3202 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 31.5122, 0.3245, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 31.5122, 0.3245, 0.3202.



This preview shows how white text looks on a background with the Yxy color 31.5122, 0.3245, 0.3202.

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

31.5122, 0.3245, 0.3202

Protanopia

31.7268, 0.3110, 0.3229

Deuteranopia

31.6199, 0.3256, 0.3202



Tritanopia

31.4776, 0.3208, 0.3115

Trichromacy



Original Color

31.5122, 0.3245, 0.3202

Protanomaly

31.7689, 0.3160, 0.3230

Deuteranomaly

31.6199, 0.3256, 0.3202

Tritanomaly

31.4087, 0.3227, 0.3144

Monochromacy



Original Color

31.5122, 0.3245, 0.3202

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.0587, 0.3169, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5122, 0.3245, 0.3202 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(165, 148, 154)` looks like.

```
.text, #text, p{  
    color:rgb(165, 148, 154)  
}
```

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(165, 148, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 148, 154) }
```

Border

The CSS property to change the border of an element to Yxy 31.5122, 0.3245, 0.3202 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(165, 148, 154) }
```

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

```
.border{ border-color:rgb(165, 148, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 148, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 148, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 148, 154);  
box-shadow:4px 4px 4px 4px rgb(165, 148,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5122, 0.3245, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 148, 154) }
```

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

```
.background{ background-color: rgb(165,  
148, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor