

Converting Colors

Yxy(31.5398, 0.2949, 0.2860)

Have a look what the booklet for
Yxy(31.5398, 0.2949, 0.2860)
contains.

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Color

Yxy(31.5222, 0.2950, 0.2868)

Conversions

Conversions Part 1

Format	Color
Hex	9D94B1
RGB	157, 148, 177
RGB Percent	62%, 58%, 69%
CMY	0.3845, 0.4195, 0.3059
CMYK	0.11, 0.16, 0.00, 0.31
HSL	259°, 16%, 64%
HSV	259°, 16%, 69%
XYZ	32.4235, 31.5222, 45.9644
YIQ	153.9970, -3.9450, 10.9270

Conversions

Conversions Part 2

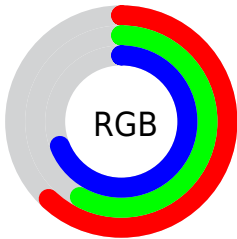
Format	Color
R _Y B	157, 148, 177
Decimal	10327217
CIE Lab	62.95, 9.08, -13.92
CIE LCh	63, 16.617, 303.116
Yxy	31.5222, 0.2950, 0.2868
Android (android.graphics.Color)	4288517297 (0xFF9D94B1)
YUV	153.9970, 11.3405, 2.6336
Hunter-Lab	56.1446, 4.8304, -9.2382

Details

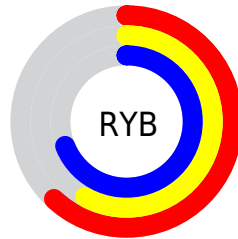
The Yxy color **31.5222, 0.2950, 0.2868** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.9087, 0.3286, 0.3699**, and the grayscale version is **32.2625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.1213, 0.2987, 0.2946**, and **13.0688, 0.2900, 0.2735** is the 20% darker color. If you saturate the color by 10%, you get **25.2190, 0.2821, 0.2578**, and if you desaturate by 10%, it is **38.8003, 0.3063, 0.3134**.

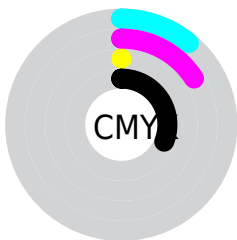
Distribution



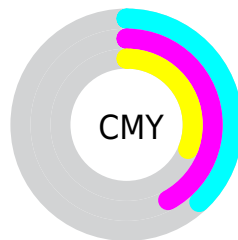
- Red (62%)
- Green (58%)
- Blue (69%)



- Red (62%)
- Yellow (58%)
- Blue (69%)



- Cyan (11%)
- Magenta (16%)
- Yellow (0%)
- Black (31%)





- Cyan (38%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5222, 0.2950, 0.2868 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 31.5222, 0.2950, 0.2868 by changing the saturation by 10% instead.


 31.5222, 0.2950,
0.2868


 31.5222, 0.2950,
0.2868


308.9369, 0.3046,
0.3087

 20.9968, 0.2924,
0.2811


 62.0613, 0.2987,
0.2950

 13.1217, 0.2888,
0.2735


 82.8438, 0.3000,
0.2980

 7.5124, 0.2838,
0.2632


107.8141, 0.3011,
0.3005

 3.7846, 0.2763,
0.2482

137.3567, 0.3020,
0.3026

 1.5538, 0.2636,
0.2247

171.8558, 0.3028,
0.3045

 0.3261, 0.2380,
0.1460

211.6960, 0.3034,

 0.0000, 0.0000,

0.3061

0.0000

257.2616, 0.3040,
0.3075

■ 31.5222, 0.2950,
0.2868

■ 31.5222, 0.2950,
0.2868

■ 25.2190, 0.2821,
0.2578

■ 38.8003, 0.3063,
0.3134

■ 19.8446, 0.2676,
0.2270

■ 47.0888, 0.3161,
0.3374

■ 15.3553, 0.2517,
0.1952

■ 56.4262, 0.3244,
0.3589

■ 11.7020, 0.2350,
0.1638

■ 66.8479, 0.3315,
0.3779

■ 8.8309, 0.2181,
0.1344

■ 78.3875, 0.3375,
0.3947

■ 6.6813, 0.2019,
0.1090

■ 91.0772, 0.3426,
0.4095

■ 5.1837, 0.1874,
0.0892

■ 93.6795, 0.3507,
0.4080

■ 4.2455, 0.1754,
0.0759

■ 95.9250, 0.3590,
0.4057

■ 3.9757, 0.1715,
0.0719

■ 95.9539, 0.3591,
0.4057

Harmonies

Analogous

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



31.5222, 0.2741, 0.2861



31.5222, 0.2950, 0.2868



31.5222, 0.3215, 0.2977

Triad

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



31.5222, 0.2950, 0.2868



31.5222, 0.3644, 0.3590



31.5222, 0.2793, 0.3414

Complementary

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



31.5222, 0.2950, 0.2868



41.9087, 0.3286, 0.3699

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.



31.5222, 0.3024, 0.3637



31.5222, 0.2950, 0.2868



31.5222, 0.3518, 0.3731

Square

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



31.5222, 0.2950, 0.2868



31.5222, 0.3625, 0.3382



31.5222, 0.3290, 0.3753



31.5222, 0.2654, 0.3164

Rectangle

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



31.5222, 0.2950, 0.2868



31.5222, 0.3389, 0.3093



31.5222, 0.3290, 0.3753



31.5222, 0.2862, 0.3496

Sweetspot

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



31.5235, 0.2950, 0.2868



71.3022, 0.3077, 0.3166



37.5869, 0.2879, 0.3163



15.2431, 0.3069, 0.3149



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



31.5235, 0.2950, 0.2868



51.7744, 0.2901, 0.2756



33.0392, 0.3088, 0.2885



8.3531, 0.3031, 0.3058



2.9096, 0.1726, 0.0724



0.1232, 0.2055, 0.0906

Inverse Universe

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



33.3602, 0.3231, 0.3012



55.7788, 0.3261, 0.2941



40.4304, 0.3158, 0.3716



8.6012, 0.3183, 0.3134



7.8082, 0.4162, 0.2066



0.2556, 0.3838, 0.1888

Previews

White Background



This preview shows how the Yxy color 31.5222, 0.2950, 0.2868 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 31.5222, 0.2950, 0.2868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

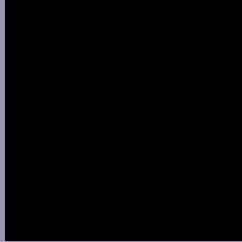
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5222, 0.2950, 0.2868

Background



This preview shows how black text looks on a background with the Yxy color 31.5222, 0.2950, 0.2868.



This preview shows how white text looks on a background with the Yxy color 31.5222, 0.2950, 0.2868.

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

31.5222, 0.2950, 0.2868

Protanopia

31.5909, 0.2842, 0.2874

Deuteranopia

31.6378, 0.2932, 0.2880



Tritanopia

31.7104, 0.3065, 0.3125

Trichromacy



Original Color

31.5222, 0.2950, 0.2868

Protanomaly

31.6064, 0.2886, 0.2877

Deuteranomaly

31.7371, 0.2941, 0.2881

Tritanomaly

31.6706, 0.3030, 0.3037

Monochromacy



Original Color

31.5222, 0.2950, 0.2868

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.0337, 0.3065, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5222, 0.2950, 0.2868 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(157, 148, 177)` looks like.

```
.text, #text, p{  
    color:rgb(157, 148, 177)  
}
```

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(157, 148, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 148, 177) }
```

Border

The CSS property to change the border of an element to Yxy 31.5222, 0.2950, 0.2868 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(157, 148, 177) }
```

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

```
.border{ border-color:rgb(157, 148, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 148, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 148, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 148, 177);  
box-shadow:4px 4px 4px 4px rgb(157, 148,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5222, 0.2950, 0.2868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 148, 177) }
```

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

```
.background{ background-color: rgb(157,  
148, 177) }
```

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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