

Converting Colors

$Y_{xy}(35.0322, 0.2911, 0.3063)$

Have a look what the booklet for
Yxy(35.0322, 0.2911, 0.3063)
contains.

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Color

Yxy(34.8555, 0.2908, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	97A0B0
RGB	151, 160, 176
RGB Percent	59%, 63%, 69%
CMY	0.4076, 0.3726, 0.3098
CMYK	0.14, 0.09, 0.00, 0.31
HSL	219°, 14%, 64%
HSV	219°, 14%, 69%
XYZ	33.1783, 34.8555, 46.0595
YIQ	159.1330, -10.5000, 3.0680

Conversions

Conversions Part 2

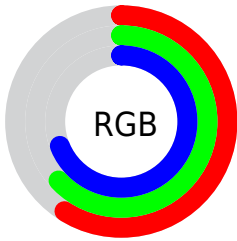
Format	Color
RYB	151, 158, 176
Decimal	9937072
CIELab	65.64, 0.17, -9.38
CIELCh	66, 9.385, 271.063
Yxy	34.8555, 0.2908, 0.3055
Android (android.graphics.Color)	4288127152 (0xFF97A0B0)
YUV	159.1330, 8.3154, -7.1326
Hunter-Lab	59.0385, -3.0045, -4.9287

Details

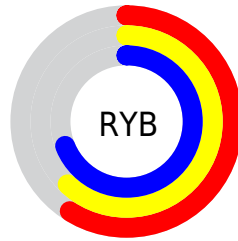
The Yxy color **34.8555, 0.2908, 0.3055** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.1356, 0.3352, 0.3514**, and the grayscale version is **34.7045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4062, 0.2945, 0.3100**, and **15.1018, 0.2833, 0.2979** is the 20% darker color. If you saturate the color by 10%, you get **29.5538, 0.2742, 0.2866**, and if you desaturate by 10%, it is **40.7679, 0.3065, 0.3225**.

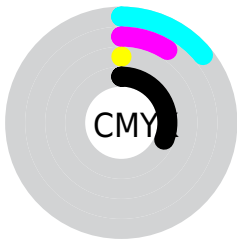
Distribution



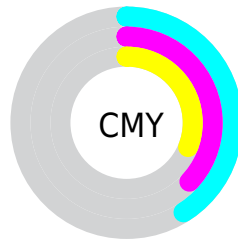
- Red (59%)
- Green (63%)
- Blue (69%)



- Red (59%)
- Yellow (62%)
- Blue (69%)



- Cyan (14%)
- Magenta (9%)
- Yellow (0%)
- Black (31%)



- Cyan (41%)
- Magenta (37%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.8555, 0.2908, 0.3055 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 34.8555, 0.2908, 0.3055 by changing the saturation by 10% instead.

■ 34.8555, 0.2908,
0.3055

■ 34.8555, 0.2908,
0.3055

■ 323.9301, 0.3023,
0.3178

■ 23.5516, 0.2878,
0.3023

■ 67.2619, 0.2951,
0.3101

■ 15.0013, 0.2838,
0.2980

■ 89.1331, 0.2967,
0.3118

■ 8.8203, 0.2783,
0.2921

■ 115.2955, 0.2980,
0.3132

■ 4.6242, 0.2702,
0.2835

■ 146.1336, 0.2991,
0.3144

■ 2.0285, 0.2574,
0.2698

■ 182.0317, 0.3000,
0.3154

■ 0.6239, 0.2292,
0.2394

■ 223.3742, 0.3009,

■ 0.0000, 0.0000,

0.3163

0.0000

270.5455, 0.3016,
0.3171

■ 34.8555, 0.2908,
0.3055

■ 34.8555, 0.2908,
0.3055

■ 29.5538, 0.2742,
0.2866

■ 40.7679, 0.3065,
0.3225

■ 24.8379, 0.2570,
0.2657

■ 47.3060, 0.3211,
0.3375

■ 20.6875, 0.2395,
0.2432

■ 54.4901, 0.3346,
0.3508

■ 17.0793, 0.2223,
0.2194

■ 62.3378, 0.3470,
0.3625

■ 13.9882, 0.2060,
0.1949

■ 70.8662, 0.3583,
0.3726

■ 11.3868, 0.1914,
0.1705

■ 79.7747, 0.3674,
0.3817

■ 9.2448, 0.1792,
0.1473

■ 86.1914, 0.3641,
0.3924

■ 7.5270, 0.1698,
0.1262

■ 93.0220, 0.3609,
0.4026

■ 6.6882, 0.1653,
0.1150

■ 95.9151, 0.3597,
0.4066

Harmonies

Analogous

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



34.8555, 0.2852, 0.3120



34.8555, 0.2908, 0.3055



34.8555, 0.3022, 0.3052

Triad

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



34.8555, 0.2908, 0.3055



34.8555, 0.3393, 0.3336



34.8555, 0.3083, 0.3482

Complementary

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



34.8555, 0.2908, 0.3055



39.1356, 0.3352, 0.3514

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.



34.8555, 0.3228, 0.3540



34.8555, 0.2908, 0.3055



34.8555, 0.3410, 0.3452

Square

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



34.8555, 0.2908, 0.3055



34.8555, 0.3304, 0.3212



34.8555, 0.3348, 0.3528



34.8555, 0.2952, 0.3368

Rectangle

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



34.8555, 0.2908, 0.3055



34.8555, 0.3118, 0.3084



34.8555, 0.3348, 0.3528



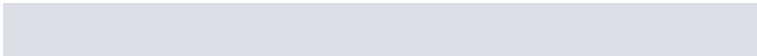
34.8555, 0.3132, 0.3509

Sweetspot

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



34.8569, 0.2908, 0.3055



74.0499, 0.3066, 0.3227



40.4254, 0.2985, 0.3422



15.8672, 0.3055, 0.3215



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.



34.8569, 0.2908, 0.3055



60.0928, 0.2857, 0.2998



32.1945, 0.2935, 0.2924



8.7113, 0.2985, 0.3140



5.0084, 0.1658, 0.1169



0.2704, 0.1823, 0.1761

Inverse Universe

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



33.9208, 0.3296, 0.3165



58.1588, 0.3340, 0.3136



42.1403, 0.3305, 0.3638



8.5538, 0.3233, 0.3209



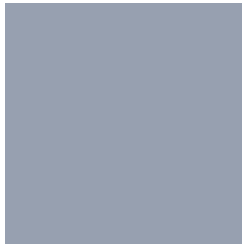
7.0457, 0.5510, 0.2809



0.2331, 0.4733, 0.2381

Previews

White Background



This preview shows how the Yxy color 34.8555, 0.2908, 0.3055 looks on a white background.

Color Contrast Check

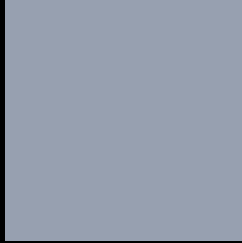
Large Text (above 18pt) WCAG AA × Fail

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 34.8555, 0.2908, 0.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

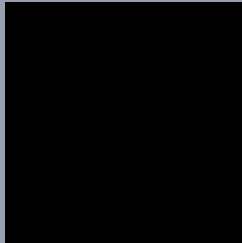
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

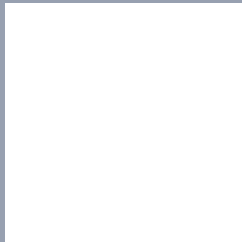
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.8555, 0.2908, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 34.8555, 0.2908, 0.3055.



This preview shows how white text looks on a background with the Yxy color 34.8555, 0.2908, 0.3055.

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

34.8555, 0.2908, 0.3055

Protanopia

34.7170, 0.2969, 0.3044

Deuteranopia

34.7240, 0.3036, 0.2980



Tritanopia

34.7381, 0.2932, 0.3098

Trichromacy



Original Color

34.8555, 0.2908, 0.3055

Protanomaly

34.8600, 0.2951, 0.3057

Deuteranomaly

34.8653, 0.2989, 0.3004

Tritanomaly

34.7769, 0.2924, 0.3084

Monochromacy



Original Color

34.8555, 0.2908, 0.3055

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.5808, 0.3046, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8555, 0.2908, 0.3055 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(151, 160, 176)` looks like.

```
.text, #text, p{  
    color:rgb(151, 160, 176)  
}
```

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(151, 160, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 160, 176) }
```

Border

The CSS property to change the border of an element to Yxy 34.8555, 0.2908, 0.3055 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(151, 160, 176) }
```

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

```
.border{ border-color:rgb(151, 160, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 160, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 160, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 160, 176);  
box-shadow:4px 4px 4px 4px rgb(151, 160,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8555, 0.2908, 0.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 160, 176) }
```

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

```
.background{ background-color: rgb(151,  
160, 176) }
```

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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