

Converting Colors

$Y_{xy}(35.2997, 0.2815, 0.2967)$

Have a look what the booklet for
Yxy(35.2997, 0.2815, 0.2967)
contains.

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Color

Yxy(35.1535, 0.2810, 0.2955)

Conversions

Conversions Part 1

Format	Color
Hex	93A1B8
RGB	147, 161, 184
RGB Percent	58%, 63%, 72%
CMY	0.4236, 0.3686, 0.2784
CMYK	0.20, 0.13, 0.00, 0.28
HSL	217°, 21%, 65%
HSV	217°, 20%, 72%
XYZ	33.4285, 35.1535, 50.3807
YIQ	159.4360, -15.7270, 4.1850

Conversions

Conversions Part 2

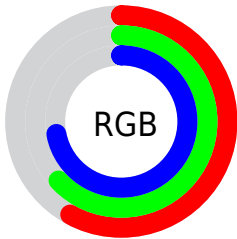
Format	Color
RYB	147, 157, 184
Decimal	9675192
CIELab	65.87, 0.06, -13.54
CIELCh	66, 13.539, 270.241
Yxy	35.1535, 0.2810, 0.2955
Android (android.graphics.Color)	4287865272 (0xFF93A1B8)
YUV	159.4360, 12.1101, -10.9064
Hunter-Lab	59.2904, -3.1180, -8.8771

Details

The Yxy color **35.1535, 0.2810, 0.2955** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.0478, 0.3460, 0.3604**, and the grayscale version is **34.8299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8205, 0.2870, 0.3023**, and **15.2774, 0.2713, 0.2859** is the 20% darker color. If you saturate the color by 10%, you get **29.7719, 0.2641, 0.2760**, and if you desaturate by 10%, it is **41.1756, 0.2972, 0.3131**.

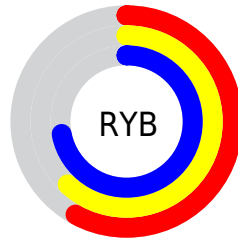
Distribution



Red (58%)

Green (63%)

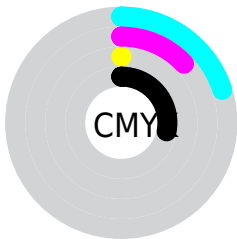
Blue (72%)



Red (58%)

Yellow (62%)

Blue (72%)

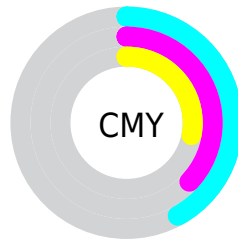


Cyan (20%)

Magenta (13%)

Yellow (0%)

Black (28%)



Cyan (42%)

Magenta (37%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.1535, 0.2810, 0.2955 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 35.1535, 0.2810, 0.2955 by changing the saturation by 10% instead.

■ 35.1535, 0.2810,
0.2955

■ 35.1535, 0.2810,
0.2955

■ 325.2454, 0.2975,
0.3129

■ 23.7811, 0.2767,
0.2909

■ 67.7235, 0.2871,
0.3020

■ 15.1714, 0.2710,
0.2850

■ 89.6899, 0.2894,
0.3044

■ 8.9397, 0.2633,
0.2768

■ 115.9565, 0.2913,
0.3064

■ 4.7019, 0.2520,
0.2649

■ 146.9076, 0.2929,
0.3081

■ 2.0734, 0.2344,
0.2463

■ 182.9277, 0.2943,
0.3095

■ 0.6496, 0.1996,
0.2096

■ 224.4010, 0.2955,

■ 0.0000, 0.0000,

0.3108

0.0000

271.7121, 0.2966,
0.3119

■ 35.1535, 0.2810,
0.2955

■ 35.1535, 0.2810,
0.2955

■ 29.7719, 0.2641,
0.2760

■ 41.1756, 0.2972,
0.3131

■ 25.0039, 0.2468,
0.2548

■ 47.8554, 0.3125,
0.3288

■ 20.8268, 0.2296,
0.2321

■ 55.2147, 0.3268,
0.3427

■ 17.2147, 0.2131,
0.2085

■ 63.2729, 0.3400,
0.3550

■ 14.1394, 0.1980,
0.1846

■ 72.0486, 0.3521,
0.3657

■ 11.5697, 0.1849,
0.1613

■ 81.1023, 0.3614,
0.3753

■ 9.4705, 0.1745,
0.1395

■ 87.6632, 0.3584,
0.3862

■ 7.8002, 0.1667,
0.1202

■ 94.6491, 0.3556,
0.3966

■ 96.2415, 0.3549,
0.3988

Harmonies

Analogous

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



35.1535, 0.2734, 0.3048



35.1535, 0.2810, 0.2955



35.1535, 0.2970, 0.2951

Triad

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



35.1535, 0.2810, 0.2955



35.1535, 0.3509, 0.3348



35.1535, 0.3067, 0.3572

Complementary

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



35.1535, 0.2810, 0.2955



41.0478, 0.3460, 0.3604

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.



35.1535, 0.3276, 0.3654



35.1535, 0.2810, 0.2955



35.1535, 0.3536, 0.3515

Square

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



35.1535, 0.2810, 0.2955



35.1535, 0.3376, 0.3173



35.1535, 0.3449, 0.3630



35.1535, 0.2879, 0.3407

Rectangle

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



35.1535, 0.2810, 0.2955



35.1535, 0.3106, 0.2995



35.1535, 0.3449, 0.3630



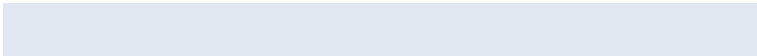
35.1535, 0.3137, 0.3611

Sweetspot

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



35.1549, 0.2810, 0.2955



79.3513, 0.3035, 0.3196



43.3862, 0.2932, 0.3493



16.9406, 0.3025, 0.3186



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



35.1549, 0.2810, 0.2955



59.4020, 0.2738, 0.2874



30.9330, 0.2836, 0.2750



9.2618, 0.2985, 0.3144



5.5016, 0.1674, 0.1224



0.3148, 0.1823, 0.1763

Inverse Universe

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



33.6290, 0.3375, 0.3098



56.3565, 0.3442, 0.3055



46.0622, 0.3387, 0.3790



9.0670, 0.3230, 0.3204



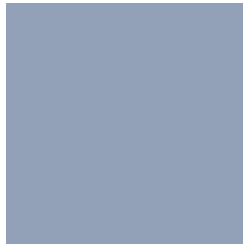
7.3377, 0.5432, 0.2766



0.2709, 0.4730, 0.2379

Previews

White Background



This preview shows how the Yxy color 35.1535, 0.2810, 0.2955 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 35.1535, 0.2810, 0.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

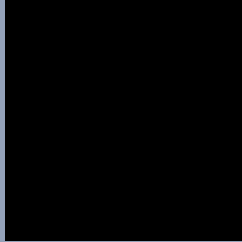
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

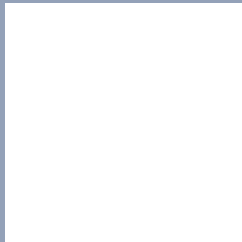
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.1535, 0.2810, 0.2955

Background



This preview shows how black text looks on a background with the Yxy color 35.1535, 0.2810, 0.2955.

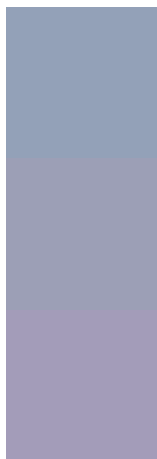


This preview shows how white text looks on a background with the Yxy color 35.1535, 0.2810, 0.2955.

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

35.1535, 0.2810, 0.2955

Protanopia

35.2416, 0.2903, 0.2961

Deuteranopia

35.0662, 0.2940, 0.2884



Tritanopia

34.9555, 0.2864, 0.3096

Trichromacy



Original Color

35.1535, 0.2810, 0.2955

Protanomaly

35.3328, 0.2869, 0.2959

Deuteranomaly

35.1246, 0.2887, 0.2906

Tritanomaly

35.1660, 0.2849, 0.3054

Monochromacy



Original Color

35.1535, 0.2810, 0.2955

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.9373, 0.3010, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1535, 0.2810, 0.2955 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(147, 161, 184)` looks like.

```
.text, #text, p{  
    color:rgb(147, 161, 184)  
}
```

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(147, 161, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 161, 184) }
```

Border

The CSS property to change the border of an element to Yxy 35.1535, 0.2810, 0.2955 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(147, 161, 184) }
```

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

```
.border{ border-color:rgb(147, 161, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 161, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 161, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 161, 184);  
box-shadow:4px 4px 4px 4px rgb(147, 161,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1535, 0.2810, 0.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 161, 184) }
```

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

```
.background{ background-color: rgb(147,  
161, 184) }
```

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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