

Converting Colors

$Yxy(35.0063, 0.2948, 0.3065)$

Have a look what the booklet for
Yxy(35.0063, 0.2948, 0.3065)
contains.

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Color

Yxy(35.2053, 0.2952, 0.3072)

Conversions

Conversions Part 1

Format	Color
Hex	9BA0AF
RGB	155, 160, 175
RGB Percent	61%, 63%, 69%
CMY	0.3920, 0.3726, 0.3138
CMYK	0.11, 0.09, 0.00, 0.31
HSL	225°, 11%, 65%
HSV	225°, 11%, 69%
XYZ	33.8301, 35.2053, 45.5652
YIQ	160.2150, -7.7950, 3.6050

Conversions

Conversions Part 2

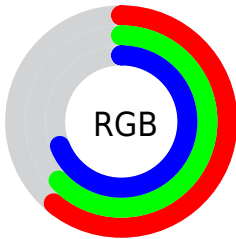
Format	Color
RYB	155, 159, 175
Decimal	10199215
CIELab	65.91, 1.29, -8.38
CIElCh	66, 8.474, 278.765
Yxy	35.2053, 0.2952, 0.3072
Android (android.graphics.Color)	4288389295 (0xFF9BA0AF)
YUV	160.2150, 7.2890, -4.5736
Hunter-Lab	59.3341, -2.0605, -3.9975

Details

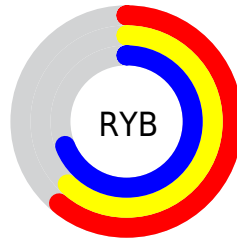
The Yxy color **35.2053, 0.2952, 0.3072** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.2416, 0.3302, 0.3499**, and the grayscale version is **35.2292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0720, 0.2986, 0.3113**, and **15.3104, 0.2894, 0.3003** is the 20% darker color. If you saturate the color by 10%, you get **29.2783, 0.2785, 0.2856**, and if you desaturate by 10%, it is **41.8684, 0.3107, 0.3265**.

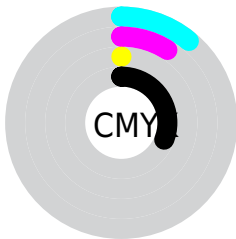
Distribution



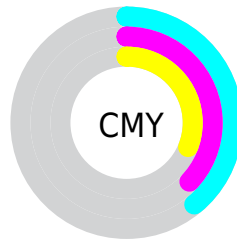
- Red (61%)
- Green (63%)
- Blue (69%)



- Red (61%)
- Yellow (62%)
- Blue (69%)



- Cyan (11%)
- Magenta (9%)
- Yellow (0%)
- Black (31%)





- Cyan (39%)
- Magenta (37%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2053, 0.2952, 0.3072 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 35.2053, 0.2952, 0.3072 by changing the saturation by 10% instead.

 35.2053, 0.2952,
0.3072


 35.2053, 0.2952,
0.3072


325.4736, 0.3044,
0.3186

 23.8211, 0.2928,
0.3042


 67.8037, 0.2986,
0.3114

 15.2009, 0.2896,
0.3003


 89.7866, 0.2999,
0.3130

 8.9605, 0.2852,
0.2949


116.0713, 0.3009,
0.3143

 4.7154, 0.2787,
0.2870

147.0420, 0.3018,
0.3154

 2.0813, 0.2683,
0.2745

183.0832, 0.3026,
0.3164

 0.6541, 0.2470,
0.2473

224.5792, 0.3033,

 0.0000, 0.0000,

0.3172

0.0000

271.9146, 0.3038,
0.3179

■ 35.2053, 0.2952,
0.3072

■ 35.2053, 0.2952,
0.3072

■ 29.2783, 0.2785,
0.2856

■ 41.8684, 0.3107,
0.3265

■ 24.0573, 0.2607,
0.2616

■ 49.2875, 0.3247,
0.3435

■ 19.5165, 0.2422,
0.2356

■ 57.4873, 0.3375,
0.3583

■ 15.6270, 0.2235,
0.2081

■ 66.4900, 0.3490,
0.3713

■ 12.3575, 0.2055,
0.1800

■ 76.3169, 0.3592,
0.3826

■ 9.6741, 0.1891,
0.1524

■ 86.0222, 0.3648,
0.3932

■ 7.5394, 0.1753,
0.1269

■ 93.9986, 0.3611,
0.4050

■ 5.9107, 0.1647,
0.1048

■ 95.8748, 0.3603,
0.4076

■ 4.8596, 0.1581,
0.0891

Harmonies

Analogous

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



35.2053, 0.2886, 0.3117



35.2053, 0.2952, 0.3072



35.2053, 0.3065, 0.3084

Triad

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



35.2053, 0.2952, 0.3072



35.2053, 0.3377, 0.3361



35.2053, 0.3055, 0.3439

Complementary

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



35.2053, 0.2952, 0.3072



40.2416, 0.3302, 0.3499

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.



35.2053, 0.3185, 0.3507



35.2053, 0.2952, 0.3072



35.2053, 0.3373, 0.3458

Square

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



35.2053, 0.2952, 0.3072



35.2053, 0.3312, 0.3248



35.2053, 0.3303, 0.3513



35.2053, 0.2945, 0.3330

Rectangle

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



35.2053, 0.2952, 0.3072



35.2053, 0.3153, 0.3121



35.2053, 0.3303, 0.3513



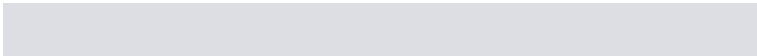
35.2053, 0.3097, 0.3468

Sweetspot

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



35.2068, 0.2952, 0.3072



72.9355, 0.3082, 0.3235



40.5312, 0.2994, 0.3361



15.9920, 0.3070, 0.3220



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.



35.2068, 0.2952, 0.3072



59.9168, 0.2906, 0.3013



34.0247, 0.2997, 0.3002



8.0687, 0.2986, 0.3115



3.5649, 0.1586, 0.0910



0.1855, 0.1751, 0.1503

Inverse Universe

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



35.1048, 0.3280, 0.3221



59.7478, 0.3324, 0.3203



41.5710, 0.3248, 0.3570



8.0468, 0.3249, 0.3234



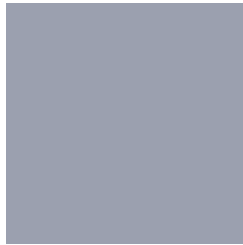
6.6629, 0.5897, 0.3022



0.1941, 0.5055, 0.2558

Previews

White Background



This preview shows how the Yxy color 35.2053, 0.2952, 0.3072 looks on a white background.

Color Contrast Check

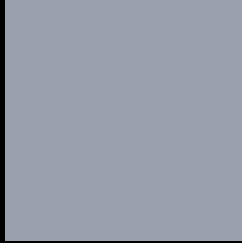
Large Text (above 18pt) WCAG AA × Fail

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 35.2053, 0.2952, 0.3072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

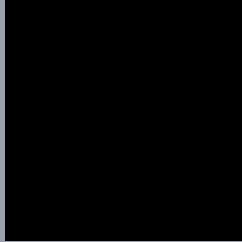
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

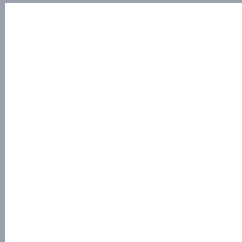
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.2053, 0.2952, 0.3072

Background



This preview shows how black text looks on a background with the Yxy color 35.2053, 0.2952, 0.3072.

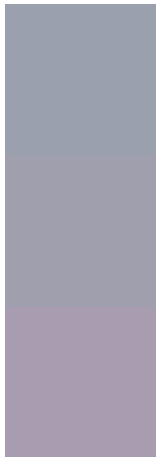


This preview shows how white text looks on a background with the Yxy color 35.2053, 0.2952, 0.3072.

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

35.2053, 0.2952, 0.3072

Protanopia

35.2232, 0.2996, 0.3074

Deuteranopia

35.2364, 0.3064, 0.3009



Tritanopia

35.1273, 0.2968, 0.3100

Trichromacy



Original Color

35.2053, 0.2952, 0.3072

Protanomaly

35.1214, 0.2987, 0.3073

Deuteranomaly

35.0351, 0.3016, 0.3020

Tritanomaly

35.1662, 0.2960, 0.3086

Monochromacy



Original Color

35.2053, 0.2952, 0.3072

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.1273, 0.3064, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2053, 0.2952, 0.3072 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(155, 160, 175)` looks like.

```
.text, #text, p{  
    color:rgb(155, 160, 175)  
}
```

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(155, 160, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 160, 175) }
```

Border

The CSS property to change the border of an element to Yxy 35.2053, 0.2952, 0.3072 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(155, 160, 175) }
```

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

```
.border{ border-color:rgb(155, 160, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 160, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 160, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 160, 175);  
box-shadow:4px 4px 4px 4px rgb(155, 160,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2053, 0.2952, 0.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 160, 175) }
```

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

```
.background{ background-color: rgb(155,  
160, 175) }
```

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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