

Converting Colors

$Yxy(35.7019, 0.3090, 0.3035)$

Have a look what the booklet for
Yxy(35.7019, 0.3090, 0.3035)
contains.

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Color

Yxy(35.7551, 0.3091, 0.3039)

Conversions

Conversions Part 1

Format	Color
Hex	AA9DAF
RGB	170, 157, 175
RGB Percent	67%, 62%, 69%
CMY	0.3334, 0.3843, 0.3138
CMYK	0.03, 0.10, 0.00, 0.31
HSL	283°, 10%, 65%
HSV	283°, 10%, 69%
XYZ	36.3669, 35.7551, 45.5322
YIQ	162.9390, 1.9700, 8.3540

Conversions

Conversions Part 2

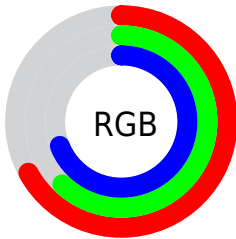
Format	Color
R_{YB}	170, 157, 175
Decimal	11181487
CIE Lab	66.33, 8.11, -7.61
CIE LCh	66, 11.118, 316.821
Yxy	35.7551, 0.3091, 0.3039
Android (android.graphics.Color)	4289371567 (0xFFAA9DAF)
YUV	162.9390, 5.9461, 6.1925
Hunter-Lab	59.7956, 3.9192, -3.2903

Details

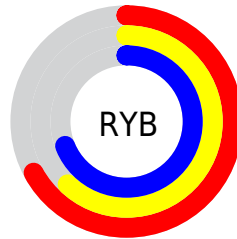
The Yxy color **35.7551, 0.3091, 0.3039** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.7710, 0.3159, 0.3547**, and the grayscale version is **36.5654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8640, 0.3093, 0.3086**, and **15.5897, 0.3075, 0.2959** is the 20% darker color. If you saturate the color by 10%, you get **29.7198, 0.3049, 0.2781**, and if you desaturate by 10%, it is **42.6616, 0.3126, 0.3284**.

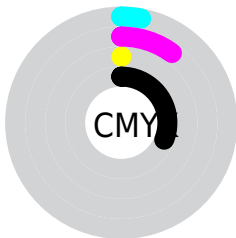
Distribution



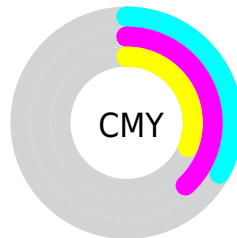
- Red (67%)
- Green (62%)
- Blue (69%)



- Red (67%)
- Yellow (62%)
- Blue (69%)



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)
- Black (31%)





- Cyan (33%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7551, 0.3091, 0.3039 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 35.7551, 0.3091, 0.3039 by changing the saturation by 10% instead.


 35.7551, 0.3091,
0.3039


 35.7551, 0.3091,
0.3039


327.8889, 0.3111,
0.3168

 24.2451, 0.3085,
0.3006


 68.6539, 0.3099,
0.3087

 15.5155, 0.3078,
0.2962


 90.8115, 0.3101,
0.3104

 9.1820, 0.3067,
0.2903


117.2871, 0.3104,
0.3119

 4.8601, 0.3051,
0.2818

148.4651, 0.3105,
0.3132

 2.1654, 0.3024,
0.2685

184.7299, 0.3107,
0.3143

 0.7010, 0.2981,
0.2417

226.4658, 0.3108,

 0.0000, 0.0000,

0.3152

0.0000

274.0574, 0.3110,
0.3161

■ 35.7551, 0.3091,
0.3039

■ 35.7551, 0.3091,
0.3039

■ 29.7198, 0.3049,
0.2781

■ 42.6616, 0.3126,
0.3284

■ 24.5150, 0.2999,
0.2515

■ 50.4687, 0.3155,
0.3512

■ 20.1036, 0.2942,
0.2247

■ 59.2100, 0.3179,
0.3722

■ 16.4439, 0.2879,
0.1988

■ 68.9159, 0.3198,
0.3913

■ 13.4902, 0.2809,
0.1748

■ 79.6157, 0.3212,
0.4087

■ 11.1918, 0.2736,
0.1538

■ 86.7871, 0.3232,
0.4179

■ 9.4910, 0.2661,
0.1369

■ 87.4656, 0.3263,
0.4171

■ 8.3200, 0.2587,
0.1244

■ 88.1656, 0.3294,
0.4162

■ 7.5481, 0.2517,
0.1160

■ 88.8874, 0.3326,
0.4153

Harmonies

Analogous

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



35.7551, 0.2933, 0.3004



35.7551, 0.3091, 0.3039



35.7551, 0.3262, 0.3136

Triad

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



35.7551, 0.3091, 0.3039



35.7551, 0.3432, 0.3535



35.7551, 0.2861, 0.3298

Complementary

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



35.7551, 0.3091, 0.3039



40.7710, 0.3159, 0.3547

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.



35.7551, 0.2989, 0.3451



35.7551, 0.3091, 0.3039



35.7551, 0.3319, 0.3588

Square

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



35.7551, 0.3091, 0.3039



35.7551, 0.3462, 0.3418



35.7551, 0.3156, 0.3559



35.7551, 0.2804, 0.3148

Rectangle

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



35.7551, 0.3091, 0.3039



35.7551, 0.3360, 0.3225



35.7551, 0.3156, 0.3559



35.7551, 0.2897, 0.3351

Sweetspot

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



35.7566, 0.3091, 0.3039



72.8201, 0.3117, 0.3217



36.1416, 0.2970, 0.3104



15.9605, 0.3114, 0.3198



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.



35.7566, 0.3091, 0.3039



61.8369, 0.3083, 0.2990



36.1743, 0.3174, 0.3095



8.0343, 0.3095, 0.3063



5.4386, 0.2525, 0.1165



0.1768, 0.2742, 0.1284

Inverse Universe

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



35.8399, 0.3258, 0.3220



62.0197, 0.3286, 0.3207



40.3923, 0.3084, 0.3493



8.0507, 0.3244, 0.3227



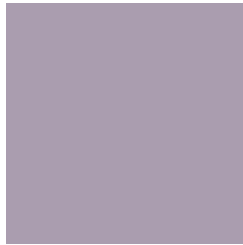
6.6933, 0.5798, 0.2968



0.1956, 0.4941, 0.2495

Previews

White Background



This preview shows how the Yxy color 35.7551, 0.3091, 0.3039 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 35.7551, 0.3091, 0.3039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

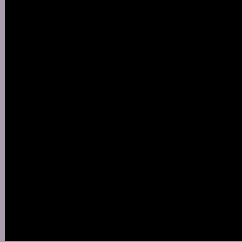
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7551, 0.3091, 0.3039

Background



This preview shows how black text looks on a background with the Yxy color 35.7551, 0.3091, 0.3039.



This preview shows how white text looks on a background with the Yxy color 35.7551, 0.3091, 0.3039.

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

35.7551, 0.3091, 0.3039

Protanopia

35.7895, 0.2980, 0.3047

Deuteranopia

35.8670, 0.3101, 0.3039



Tritanopia

35.7910, 0.3125, 0.3121

Trichromacy



Original Color

35.7551, 0.3091, 0.3039

Protanomaly

35.8234, 0.3025, 0.3049

Deuteranomaly

35.8670, 0.3101, 0.3039

Tritanomaly

35.8673, 0.3108, 0.3093

Monochromacy



Original Color

35.7551, 0.3091, 0.3039

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.3867, 0.3122, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7551, 0.3091, 0.3039 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(170, 157, 175)` looks like.

```
.text, #text, p{  
    color:rgb(170, 157, 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(170, 157, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 157, 175) }
```

Border

The CSS property to change the border of an element to Yxy 35.7551, 0.3091, 0.3039 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(170, 157, 175) }
```

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

```
.border{ border-color:rgb(170, 157, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 157, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 157, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 157, 175);  
box-shadow:4px 4px 4px 4px rgb(170, 157,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7551, 0.3091, 0.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 157, 175) }
```

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

```
.background{ background-color: rgb(170,  
157, 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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