

Converting Colors

$Yxy(35.7927, 0.3167, 0.3065)$

Have a look what the booklet for
Yxy(35.7927, 0.3167, 0.3065)
contains.

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Color

Yxy(35.8695, 0.3167, 0.3069)

Conversions

Conversions Part 1

Format	Color
Hex	AF9CAC
RGB	175, 156, 172
RGB Percent	69%, 61%, 67%
CMY	0.3137, 0.3882, 0.3256
CMYK	0.00, 0.11, 0.02, 0.31
HSL	310°, 11%, 65%
HSV	310°, 11%, 69%
XYZ	37.0149, 35.8695, 43.9924
YIQ	163.5050, 6.1880, 9.0040

Conversions

Conversions Part 2

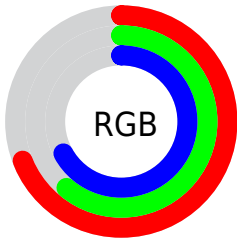
Format	Color
RYB	175, 156, 172
Decimal	11508908
CIELab	66.42, 9.87, -5.75
CIELCh	66, 11.426, 329.776
Yxy	35.8695, 0.3167, 0.3069
Android (android.graphics.Color)	4289698988 (0xFFAF9CAC)
YUV	163.5050, 4.1880, 10.0811
Hunter-Lab	59.8912, 5.5099, -1.6271

Details

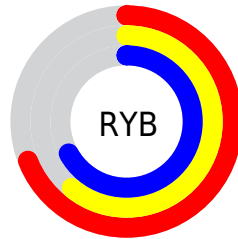
The Yxy color **35.8695, 0.3167, 0.3069** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.2383, 0.3090, 0.3521**, and the grayscale version is **36.8558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1235, 0.3165, 0.3120**, and **15.5968, 0.3168, 0.3001** is the 20% darker color. If you saturate the color by 10%, you get **30.3082, 0.3209, 0.2859**, and if you desaturate by 10%, it is **42.2825, 0.3130, 0.3273**.

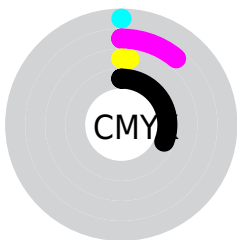
Distribution



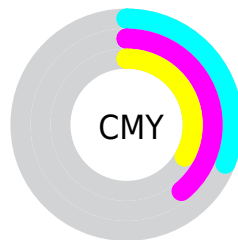
- Red (69%)
- Green (61%)
- Blue (67%)



- Red (69%)
- Yellow (61%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (31%)





- Cyan (31%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8695, 0.3167, 0.3069 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 35.8695, 0.3167, 0.3069 by changing the saturation by 10% instead.


 35.8695, 0.3167,
0.3069


 35.8695, 0.3167,
0.3069


328.3898, 0.3147,
0.3183

 24.3334, 0.3172,
0.3040


 68.8306, 0.3160,
0.3111

 15.5811, 0.3178,
0.3001


 91.0244, 0.3157,
0.3127

 9.2283, 0.3187,
0.2949


117.5396, 0.3155,
0.3140

 4.8904, 0.3199,
0.2874

148.7605, 0.3153,
0.3151

 2.1831, 0.3216,
0.2757

185.0716, 0.3151,
0.3160

 0.7107, 0.3257,
0.2519


226.8573, 0.3150,


 0.0000, 0.0000,


0.3169


0.0000


274.5019, 0.3148,
0.3176

 35.8695, 0.3167,
0.3069


 35.8695, 0.3167,
0.3069


 30.3082, 0.3209,
0.2859


 42.2825, 0.3130,
0.3273


 25.5579, 0.3257,
0.2647

 49.5763, 0.3098,
0.3467


 21.5815, 0.3309,
0.2442

 57.7846, 0.3071,
0.3648

 18.3372, 0.3366,
0.2250

 66.9378, 0.3048,
0.3817

 15.7793, 0.3425,
0.2083

 77.0649, 0.3028,
0.3972

■ 13.8569, 0.3486,
0.1948

■ 84.2984, 0.3012,
0.4055

■ 12.5121, 0.3547,
0.1854

■ 84.4206, 0.2997,
0.4022

■ 11.6765, 0.3605,
0.1803

■ 84.5452, 0.2982,
0.3988

■ 11.2251, 0.3657,
0.1788

■ 84.6721, 0.2968,
0.3955

Harmonies

Analogous

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



35.8695, 0.2993, 0.3003



35.8695, 0.3167, 0.3069



35.8695, 0.3334, 0.3190

Triad

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



35.8695, 0.3167, 0.3069



35.8695, 0.3399, 0.3575



35.8695, 0.2819, 0.3228

Complementary

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



35.8695, 0.3167, 0.3069



40.2383, 0.3090, 0.3521

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.



35.8695, 0.2921, 0.3390



35.8695, 0.3167, 0.3069



35.8695, 0.3255, 0.3594

Square

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



35.8695, 0.3167, 0.3069



35.8695, 0.3470, 0.3479



35.8695, 0.3080, 0.3527



35.8695, 0.2796, 0.3089

Rectangle

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



35.8695, 0.3167, 0.3069



35.8695, 0.3417, 0.3288



35.8695, 0.3080, 0.3527



35.8695, 0.2845, 0.3282

Sweetspot

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



35.8711, 0.3167, 0.3069



73.0670, 0.3138, 0.3229



34.2292, 0.2986, 0.3015



16.0296, 0.3141, 0.3213



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.



35.8711, 0.3167, 0.3069



61.7453, 0.3176, 0.3020



35.5253, 0.3253, 0.3197



8.1258, 0.3161, 0.3102



8.0447, 0.3651, 0.1785



0.2296, 0.3497, 0.1700

Inverse Universe

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



35.8711, 0.3167, 0.3069



61.7453, 0.3176, 0.3020



40.5745, 0.3015, 0.3385



8.1258, 0.3161, 0.3102



8.0447, 0.3651, 0.1785



0.2296, 0.3497, 0.1700

Previews

White Background



This preview shows how the Yxy color 35.8695, 0.3167, 0.3069 looks on a white background.

Color Contrast Check

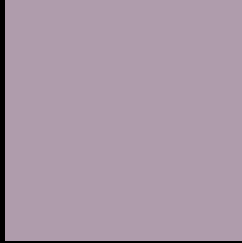
Large Text (above 18pt) WCAG AA × Fail

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 35.8695, 0.3167, 0.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

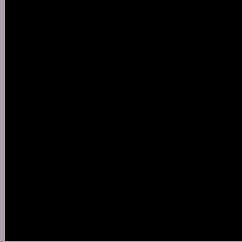
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8695, 0.3167, 0.3069

Background



This preview shows how black text looks on a background with the Yxy color 35.8695, 0.3167, 0.3069.



This preview shows how white text looks on a background with the Yxy color 35.8695, 0.3167, 0.3069.

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

35.8695, 0.3167, 0.3069

Protanopia

36.1620, 0.3006, 0.3090

Deuteranopia

35.9767, 0.3147, 0.3081



Tritanopia

36.0925, 0.3193, 0.3124

Trichromacy



Original Color

35.8695, 0.3167, 0.3069

Protanomaly

35.9593, 0.3061, 0.3078

Deuteranomaly

36.0912, 0.3156, 0.3082

Tritanomaly

36.1302, 0.3184, 0.3110

Monochromacy



Original Color

35.8695, 0.3167, 0.3069

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.6046, 0.3141, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8695, 0.3167, 0.3069 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(175, 156, 172)` looks like.

```
.text, #text, p{  
    color:rgb(175, 156, 172)  
}
```

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(175, 156, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 156, 172) }
```

Border

The CSS property to change the border of an element to Yxy 35.8695, 0.3167, 0.3069 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(175, 156, 172) }
```

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

```
.border{ border-color:rgb(175, 156, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 156, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 156, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 156, 172);  
box-shadow:4px 4px 4px 4px rgb(175, 156,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8695, 0.3167, 0.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 156, 172) }
```

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

```
.background{ background-color: rgb(175,  
156, 172) }
```

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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