

Converting Colors

Yxy(35.6382, 0.3226, 0.3154)

Have a look what the booklet for
Yxy(35.6382, 0.3226, 0.3154)
contains.

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Color

Yxy(35.6441, 0.3222, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	AF9CA6
RGB	175, 156, 166
RGB Percent	69%, 61%, 65%
CMY	0.3138, 0.3882, 0.3491
CMYK	0.00, 0.11, 0.05, 0.31
HSL	328°, 11%, 65%
HSV	328°, 11%, 69%
XYZ	36.4473, 35.6441, 41.0286
YIQ	162.8210, 8.1140, 7.1380

Conversions

Conversions Part 2

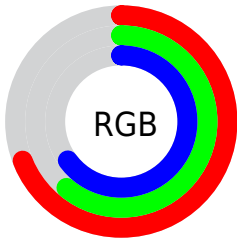
Format	Color
RYB	175, 156, 166
Decimal	11508902
CIELab	66.25, 8.74, -2.65
CIElCh	66, 9.135, 343.126
Yxy	35.6441, 0.3222, 0.3151
Android (android.graphics.Color)	4289698982 (0xFFAF9CA6)
YUV	162.8210, 1.5672, 10.6810
Hunter-Lab	59.7027, 4.4909, 1.0469

Details

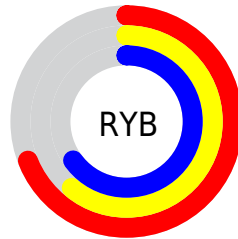
The Yxy color **35.6441, 0.3222, 0.3151** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.4409, 0.3042, 0.3433**, and the grayscale version is **36.5265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7979, 0.3206, 0.3183**, and **15.4556, 0.3247, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **29.8945, 0.3328, 0.3016**, and if you desaturate by 10%, it is **42.2625, 0.3134, 0.3280**.

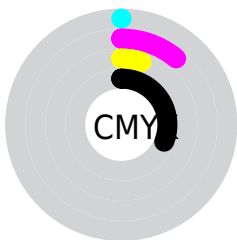
Distribution



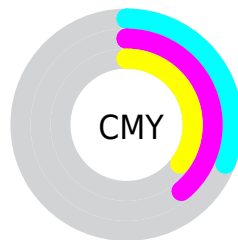
- Red (69%)
- Green (61%)
- Blue (65%)



- Red (69%)
- Yellow (61%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)
- Black (31%)





- Cyan (31%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6441, 0.3222, 0.3151 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 35.6441, 0.3222, 0.3151 by changing the saturation by 10% instead.


 35.6441, 0.3222,
0.3151


 35.6441, 0.3222,
0.3151


327.4023, 0.3173,
0.3223

 24.1595, 0.3235,
0.3132


 68.4824, 0.3204,
0.3178

 15.4519, 0.3252,
0.3108


 90.6048, 0.3197,
0.3188

 9.1372, 0.3275,
0.3074


117.0420, 0.3191,
0.3196

 4.8308, 0.3309,
0.3025

148.1782, 0.3187,
0.3203

 2.1483, 0.3363,
0.2947

184.3980, 0.3182,
0.3209

 0.6916, 0.3483,
0.2765

226.0857, 0.3179,

 0.0000, 0.0000,


0.3214

0.0000

273.6256, 0.3176,
0.3219

 35.6441, 0.3222,
0.3151

 35.6441, 0.3222,
0.3151

 29.8945, 0.3328,
0.3016


 42.2625, 0.3134,
0.3280


 24.9728, 0.3454,
0.2878

 49.7792, 0.3061,
0.3400

 20.8414, 0.3602,
0.2741

 58.2282, 0.3000,
0.3512

 17.4582, 0.3774,
0.2612

 67.6402, 0.2950,
0.3615

 14.7772, 0.3969,
0.2502

 78.0445, 0.2908,
0.3709

■ 12.7471, 0.4183,
0.2421

■ 85.5791, 0.2870,
0.3733

■ 11.3097, 0.4409,
0.2382

■ 86.0187, 0.2828,
0.3636

■ 10.3959, 0.4637,
0.2393

■ 86.4803, 0.2786,
0.3540

■ 9.8851, 0.4842,
0.2441

■ 86.9642, 0.2745,
0.3446

Harmonies

Analogous

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



35.6441, 0.3081, 0.3076



35.6441, 0.3222, 0.3151



35.6441, 0.3340, 0.3262

Triad

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



35.6441, 0.3222, 0.3151



35.6441, 0.3300, 0.3533



35.6441, 0.2862, 0.3188

Complementary

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



35.6441, 0.3222, 0.3151



40.4409, 0.3042, 0.3433

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.



35.6441, 0.2918, 0.3313



35.6441, 0.3222, 0.3151



35.6441, 0.3169, 0.3517

Square

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



35.6441, 0.3222, 0.3151



35.6441, 0.3385, 0.3482



35.6441, 0.3030, 0.3436



35.6441, 0.2875, 0.3094

Rectangle

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



35.6441, 0.3222, 0.3151



35.6441, 0.3388, 0.3343



35.6441, 0.3030, 0.3436



35.6441, 0.2873, 0.3228

Sweetspot

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



35.6457, 0.3222, 0.3151



72.9502, 0.3152, 0.3252



34.8601, 0.3043, 0.3021



15.9970, 0.3159, 0.3242



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.



35.6457, 0.3222, 0.3151



61.2603, 0.3245, 0.3119



35.3151, 0.3310, 0.3282



8.0831, 0.3207, 0.3171



7.0927, 0.4819, 0.2428



0.2083, 0.4210, 0.2093

Inverse Universe

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



35.6457, 0.3222, 0.3151



61.2603, 0.3245, 0.3119



40.7937, 0.2969, 0.3299



8.0831, 0.3207, 0.3171



7.0927, 0.4819, 0.2428



0.2083, 0.4210, 0.2093

Previews

White Background



This preview shows how the Yxy color 35.6441, 0.3222, 0.3151 looks on a white background.

Color Contrast Check

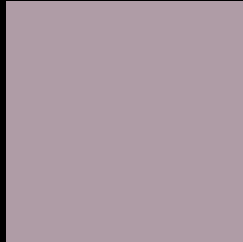
Large Text (above 18pt) WCAG AA × Fail

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 35.6441, 0.3222, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

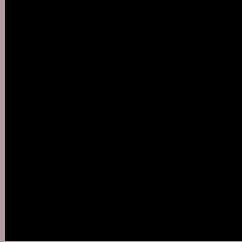
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6441, 0.3222, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 35.6441, 0.3222, 0.3151.



This preview shows how white text looks on a background with the Yxy color 35.6441, 0.3222, 0.3151.

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

35.6441, 0.3222, 0.3151

Protanopia

35.6501, 0.3076, 0.3175

Deuteranopia

35.5288, 0.3212, 0.3150



Tritanopia

35.7180, 0.3203, 0.3123

Trichromacy



Original Color

35.6441, 0.3222, 0.3151

Protanomaly

35.8018, 0.3133, 0.3176

Deuteranomaly

35.5288, 0.3212, 0.3150

Tritanomaly

35.6809, 0.3213, 0.3137

Monochromacy



Original Color

35.6441, 0.3222, 0.3151

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.0374, 0.3159, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6441, 0.3222, 0.3151 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(175, 156, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 156, 166) }
```

Border

The CSS property to change the border of an element to Yxy 35.6441, 0.3222, 0.3151 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, 166) }
```

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

```
.border{ border-color:rgb(175, 156, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 156, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 156, 166);  
box-shadow:4px 4px 4px 4px rgb(175, 156,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6441, 0.3222, 0.3151 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, 166) }
```

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

```
.background{ background-color: rgb(175,  
156, 166) }
```

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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