

Converting Colors

$Yxy(35.6157, 0.3206, 0.3164)$

Have a look what the booklet for
Yxy(35.6157, 0.3206, 0.3164)
contains.

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Color

Yxy(35.7514, 0.3201, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	AD9DA6
RGB	173, 157, 166
RGB Percent	68%, 62%, 65%
CMY	0.3217, 0.3843, 0.3490
CMYK	0.00, 0.09, 0.04, 0.32
HSL	326°, 9%, 65%
HSV	326°, 9%, 68%
XYZ	36.1695, 35.7514, 41.0734
YIQ	162.8100, 6.6470, 6.1910

Conversions

Conversions Part 2

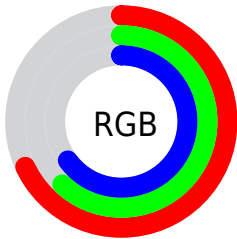
Format	Color
RYB	173, 157, 166
Decimal	11378086
CIELab	66.33, 7.46, -2.56
CIELCh	66, 7.889, 341.048
Yxy	35.7514, 0.3201, 0.3164
Android (android.graphics.Color)	4289568166 (0xFFAD9DA6)
YUV	162.8100, 1.5727, 8.9366
Hunter-Lab	59.7925, 3.3408, 1.1265

Details

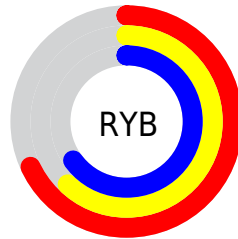
The Yxy color **35.7514, 0.3201, 0.3164** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.7262, 0.3060, 0.3419**, and the grayscale version is **36.5213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8014, 0.3183, 0.3193**, and **15.5879, 0.3232, 0.3134** is the 20% darker color. If you saturate the color by 10%, you get **30.0387, 0.3296, 0.3021**, and if you desaturate by 10%, it is **42.3121, 0.3122, 0.3300**.

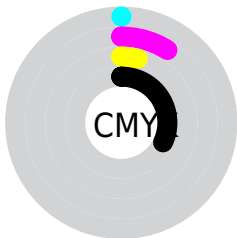
Distribution



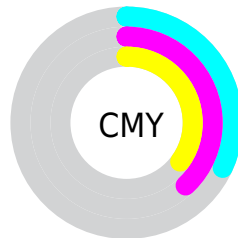
- Red (68%)
- Green (62%)
- Blue (65%)



- Red (68%)
- Yellow (62%)
- Blue (65%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (32%)





- Cyan (32%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7514, 0.3201, 0.3164 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 35.7514, 0.3201, 0.3164 by changing the saturation by 10% instead.


 35.7514, 0.3201,
0.3164


 35.7514, 0.3201,
0.3164


327.8727, 0.3163,
0.3229

 24.2423, 0.3211,
0.3147


 68.6482, 0.3187,
0.3188

 15.5134, 0.3224,
0.3125


 90.8046, 0.3182,
0.3197

 9.1805, 0.3242,
0.3094

117.2789, 0.3177,
0.3205

 4.8591, 0.3269,
0.3049

148.4555, 0.3173,
0.3211

 2.1648, 0.3310,
0.2978

184.7188, 0.3170,
0.3217

 0.7007, 0.3405,
0.2813

226.4532, 0.3167,

 0.0000, 0.0000,


0.3221


0.0000


274.0430, 0.3165,
0.3226

 35.7514, 0.3201,
0.3164


 35.7514, 0.3201,
0.3164


 30.0387, 0.3296,
0.3021


 42.3121, 0.3122,
0.3300


 25.1345, 0.3409,
0.2874


 49.7491, 0.3055,
0.3428


 21.0029, 0.3541,
0.2727

 58.0949, 0.3000,
0.3546

 17.6037, 0.3694,
0.2588

 67.3792, 0.2955,
0.3655

 14.8929, 0.3868,
0.2465

 77.6301, 0.2917,
0.3756

■ 12.8215, 0.4058,
0.2371

■ 85.1200, 0.2882,
0.3787

■ 11.3345, 0.4260,
0.2316

■ 85.5084, 0.2844,
0.3698

■ 10.3670, 0.4465,
0.2310

■ 85.9149, 0.2806,
0.3610

■ 9.7931, 0.4667,
0.2350

■ 86.3396, 0.2768,
0.3523

Harmonies

Analogous

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



35.7514, 0.3079, 0.3101



35.7514, 0.3201, 0.3164



35.7514, 0.3305, 0.3259

Triad

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



35.7514, 0.3201, 0.3164



35.7514, 0.3283, 0.3498



35.7514, 0.2900, 0.3209

Complementary

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



35.7514, 0.3201, 0.3164



39.7262, 0.3060, 0.3419

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.



35.7514, 0.2952, 0.3318



35.7514, 0.3201, 0.3164



35.7514, 0.3172, 0.3488

Square

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



35.7514, 0.3201, 0.3164



35.7514, 0.3352, 0.3452



35.7514, 0.3051, 0.3422



35.7514, 0.2907, 0.3125

Rectangle

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



35.7514, 0.3201, 0.3164



35.7514, 0.3349, 0.3329



35.7514, 0.3051, 0.3422



35.7514, 0.2911, 0.3244

Sweetspot

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



35.7530, 0.3201, 0.3164



71.1272, 0.3150, 0.3249



35.0194, 0.3051, 0.3062



15.2534, 0.3156, 0.3238



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



35.7530, 0.3201, 0.3164



61.9243, 0.3218, 0.3136



35.4708, 0.3275, 0.3275



8.0881, 0.3202, 0.3163



7.1791, 0.4663, 0.2342



0.2105, 0.4114, 0.2040

Inverse Universe

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



35.7530, 0.3201, 0.3164



61.9243, 0.3218, 0.3136



40.0216, 0.2996, 0.3305



8.0881, 0.3202, 0.3163



7.1791, 0.4663, 0.2342



0.2105, 0.4114, 0.2040

Previews

White Background



This preview shows how the Yxy color 35.7514, 0.3201, 0.3164 looks on a white background.

Color Contrast Check

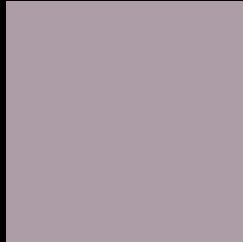
Large Text (above 18pt) WCAG AA × Fail

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 35.7514, 0.3201, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

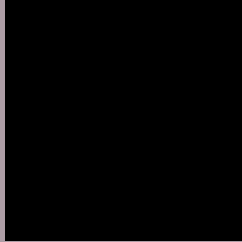
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7514, 0.3201, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 35.7514, 0.3201, 0.3164.



This preview shows how white text looks on a background with the Yxy color 35.7514, 0.3201, 0.3164.

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

35.7514, 0.3201, 0.3164

Protanopia

35.6501, 0.3076, 0.3175

Deuteranopia

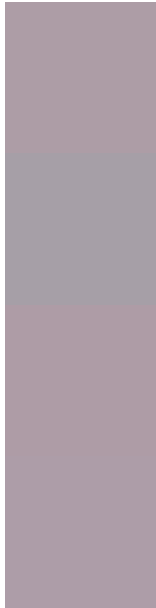
35.6441, 0.3222, 0.3151



Tritanopia

35.8628, 0.3174, 0.3123

Trichromacy



Original Color

35.7514, 0.3201, 0.3164

Protanomaly

35.6933, 0.3123, 0.3176

Deuteranomaly

35.5288, 0.3212, 0.3150

Tritanomaly

35.8253, 0.3183, 0.3136

Monochromacy



Original Color

35.7514, 0.3201, 0.3164

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.3856, 0.3158, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7514, 0.3201, 0.3164 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(173, 157, 166)` looks like.

```
.text, #text, p{  
    color:rgb(173, 157, 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(173, 157, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 157, 166) }
```

Border

The CSS property to change the border of an element to Yxy 35.7514, 0.3201, 0.3164 is called "border". The border property can be set on classes, ids or directly on the HTML element.

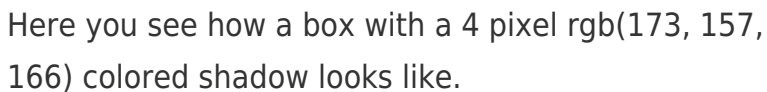
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 157, 166) }
```

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

```
.border{ border-color:rgb(173, 157, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 157, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 157, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 157, 166); box-shadow:4px 4px 4px 4px rgb(173, 157, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7514, 0.3201, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 157, 166) }
```

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

```
.background{ background-color: rgb(173,  
157, 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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