

Converting Colors

$Y_{xy}(35.6525, 0.3136, 0.3092)$

Have a look what the booklet for
Yxy(35.6525, 0.3136, 0.3092)
contains.

Yxy(35.7121, 0.3136, 0.3094)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.7121, 0.3136, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	AB9DAB
RGB	171, 157, 171
RGB Percent	67%, 62%, 67%
CMY	0.3295, 0.3843, 0.3294
CMYK	0.00, 0.08, 0.00, 0.33
HSL	300°, 8%, 64%
HSV	300°, 8%, 67%
XYZ	36.1969, 35.7121, 43.5147
YIQ	162.7820, 3.8500, 7.3220

Conversions

Conversions Part 2

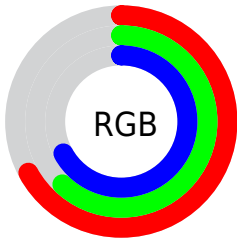
Format	Color
RYB	171, 157, 171
Decimal	11247019
CIELab	66.30, 7.68, -5.42
CIElCh	66, 9.404, 324.787
Yxy	35.7121, 0.3136, 0.3094
Android (android.graphics.Color)	4289437099 (0xFFAB9DAB)
YUV	162.7820, 4.0515, 7.2072
Hunter-Lab	59.7596, 3.5396, -1.3411

Details

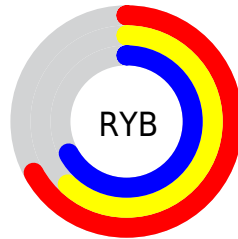
The Yxy color **35.7121, 0.3136, 0.3094** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.7354, 0.3118, 0.3494**, and the grayscale version is **36.4960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7467, 0.3134, 0.3139**, and **15.5619, 0.3139, 0.3036** is the 20% darker color. If you saturate the color by 10%, you get **30.3208, 0.3147, 0.2849**, and if you desaturate by 10%, it is **41.9164, 0.3125, 0.3333**.

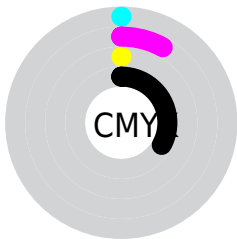
Distribution



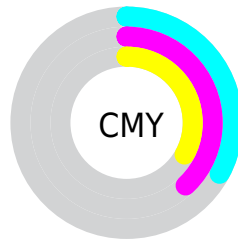
- Red (67%)
- Green (62%)
- Blue (67%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (33%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7121, 0.3136, 0.3094 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 35.7121, 0.3136, 0.3094 by changing the saturation by 10% instead.


 35.7121, 0.3136,
0.3094


 35.7121, 0.3136,
0.3094


327.7004, 0.3132,
0.3195

 24.2119, 0.3137,
0.3068


 68.5875, 0.3135,
0.3131

 15.4909, 0.3138,
0.3033

 90.7315, 0.3134,
0.3145

 9.1646, 0.3139,
0.2987

117.1922, 0.3134,
0.3157

 4.8487, 0.3140,
0.2919

148.3540, 0.3133,
0.3167

 2.1588, 0.3141,
0.2813

184.6013, 0.3133,
0.3175

 0.6974, 0.3153,
0.2586


226.3186, 0.3133,


 0.0000, 0.0000,


0.3183


0.0000

273.8902, 0.3132,
0.3189


 35.7121, 0.3136,
0.3094


 35.7121, 0.3136,
0.3094

 30.3208, 0.3147,
0.2849


 41.9164, 0.3125,
0.3333

 25.7044, 0.3158,
0.2603


 48.9605, 0.3115,
0.3560

 21.8286, 0.3168,
0.2366

 56.8759, 0.3105,
0.3774

 18.6550, 0.3178,
0.2145

 65.6908, 0.3096,
0.3971

 16.1414, 0.3187,
0.1950

 75.4323, 0.3088,
0.4152

■ 14.2412, 0.3193,
0.1789

■ 83.1450, 0.3082,
0.4274

■ 12.9019, 0.3198,
0.1668

■ 83.1501, 0.3083,
0.4274

■ 12.0620, 0.3201,
0.1588

■ 83.1551, 0.3083,
0.4274

■ 11.6167, 0.3203,
0.1545

■ 83.1602, 0.3083,
0.4274

Harmonies

Analogous

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



35.7121, 0.2996, 0.3049



35.7121, 0.3136, 0.3094



35.7121, 0.3277, 0.3188

Triad

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



35.7121, 0.3136, 0.3094



35.7121, 0.3366, 0.3516



35.7121, 0.2882, 0.3262

Complementary

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



35.7121, 0.3136, 0.3094



38.7354, 0.3118, 0.3494

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.



35.7121, 0.2977, 0.3394



35.7121, 0.3136, 0.3094



35.7121, 0.3256, 0.3542

Square

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



35.7121, 0.3136, 0.3094



35.7121, 0.3411, 0.3429



35.7121, 0.3113, 0.3498



35.7121, 0.2851, 0.3142

Rectangle

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



35.7121, 0.3136, 0.3094



35.7121, 0.3351, 0.3268



35.7121, 0.3113, 0.3498



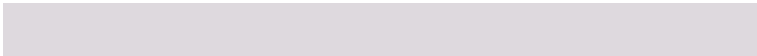
35.7121, 0.2907, 0.3307

Sweetspot

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



35.7136, 0.3136, 0.3094



70.6089, 0.3129, 0.3242



34.3080, 0.3004, 0.3089



15.7742, 0.3129, 0.3244



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.



35.7136, 0.3136, 0.3094



61.9161, 0.3138, 0.3045



35.4665, 0.3198, 0.3188



8.1470, 0.3137, 0.3066



8.7057, 0.3203, 0.1538



0.2425, 0.3205, 0.1539

Inverse Universe

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



35.2135, 0.3265, 0.3290



60.8167, 0.3302, 0.3290



38.9691, 0.3062, 0.3394



8.0157, 0.3286, 0.3290



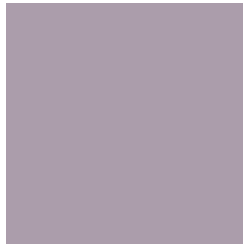
6.5277, 0.6397, 0.3298



0.1817, 0.6381, 0.3289

Previews

White Background



This preview shows how the Yxy color 35.7121, 0.3136, 0.3094 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 35.7121, 0.3136, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

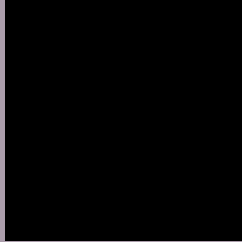
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7121, 0.3136, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 35.7121, 0.3136, 0.3094.



This preview shows how white text looks on a background with the Yxy color 35.7121, 0.3136, 0.3094.

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

35.7121, 0.3136, 0.3094

Protanopia

35.7358, 0.3023, 0.3104

Deuteranopia

35.8249, 0.3146, 0.3095



Tritanopia

35.6741, 0.3145, 0.3108

Trichromacy



Original Color

35.7121, 0.3136, 0.3094

Protanomaly

35.7742, 0.3069, 0.3105

Deuteranomaly

35.8249, 0.3146, 0.3095

Tritanomaly

35.6741, 0.3145, 0.3108

Monochromacy



Original Color

35.7121, 0.3136, 0.3094

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.3499, 0.3131, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7121, 0.3136, 0.3094 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(171, 157, 171)` looks like.

```
.text, #text, p{  
    color:rgb(171, 157, 171)  
}
```

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(171, 157, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 157, 171) }
```

Border

The CSS property to change the border of an element to Yxy 35.7121, 0.3136, 0.3094 is called "border". The border property can be set on classes, ids or directly on the HTML element.

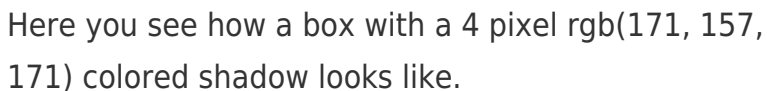
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 157, 171) }
```

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

```
.border{ border-color:rgb(171, 157, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 157, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 157, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 157, 171);  
box-shadow:4px 4px 4px 4px rgb(171, 157,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7121, 0.3136, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 157, 171) }
```

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

```
.background{ background-color: rgb(171,  
157, 171) }
```

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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