

Converting Colors

$Y_{xy}(41.1652, 0.3135, 0.3118)$

Have a look what the booklet for
Yxy(41.1652, 0.3135, 0.3118)
contains.

Yxy(41.1652, 0.3135, 0.3118)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.1652, 0.3135, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	B5A8B5
RGB	181, 168, 181
RGB Percent	71%, 66%, 71%
CMY	0.2904, 0.3411, 0.2903
CMYK	0.00, 0.07, 0.00, 0.29
HSL	300°, 8%, 68%
HSV	300°, 7%, 71%
XYZ	41.3896, 41.1652, 49.4695
YIQ	173.3690, 3.5750, 6.7990

Conversions

Conversions Part 2

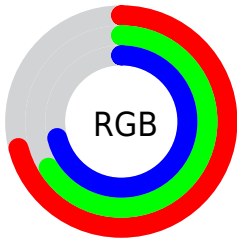
Format	Color
R_{YB}	181, 168, 181
Decimal	11905205
CIE _{Lab}	70.29, 7.04, -4.97
CIE _{LCh}	70, 8.618, 324.749
Yxy	41.1652, 0.3135, 0.3118
Android (android.graphics.Color)	4290095285 (0xFFB5A8B5)
YUV	173.3690, 3.7621, 6.6924
Hunter-Lab	64.1601, 2.8700, -0.8024

Details

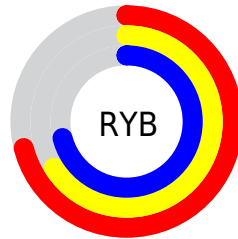
The Yxy color **41.1652, 0.3135, 0.3118** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.1980, 0.3119, 0.3468**, and the grayscale version is **41.9642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8943, 0.3134, 0.3146**, and **18.6385, 0.3137, 0.3071** is the 20% darker color. If you saturate the color by 10%, you get **34.9378, 0.3146, 0.2872**, and if you desaturate by 10%, it is **48.3263, 0.3124, 0.3357**.

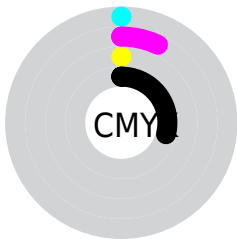
Distribution



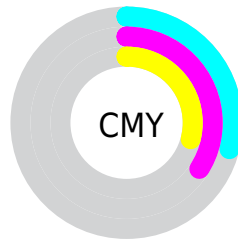
- Red (71%)
- Green (66%)
- Blue (71%)



- Red (71%)
- Yellow (66%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (29%)





- Cyan (29%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1652, 0.3135, 0.3118 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 41.1652, 0.3135, 0.3118 by changing the saturation by 10% instead.


 41.1652, 0.3135,
0.3118


 41.1652, 0.3135,
0.3118


351.0106, 0.3132,
0.3205

 28.4482, 0.3136,
0.3096


 76.9346, 0.3134,
0.3150

 18.6638, 0.3137,
0.3068


 100.7558, 0.3133,
0.3162

 11.4276, 0.3138,
0.3030


129.0472, 0.3133,
0.3172

 6.3552, 0.3139,
0.2976

162.1931, 0.3133,
0.3180

 3.0623, 0.3140,
0.2895

200.5780, 0.3132,
0.3188

 1.1643, 0.3140,
0.2757

244.5863, 0.3132,

 0.0323, 0.3278,

0.3194

0.0522

294.6024, 0.3132,
0.3200

0.0000, 0.0000,
0.0000

41.1652, 0.3135,
0.3118

41.1652, 0.3135,
0.3118

34.9378, 0.3146,
0.2872

48.3263, 0.3124,
0.3357

29.6004, 0.3157,
0.2626

56.4516, 0.3114,
0.3584

25.1142, 0.3168,
0.2386

65.5771, 0.3104,
0.3797

21.4349, 0.3178,
0.2163

75.7350, 0.3095,
0.3993

18.5148, 0.3187,
0.1965

84.6952, 0.3088,
0.4139

■ 16.3008, 0.3194,
0.1800

■ 84.6995, 0.3088,
0.4139

■ 14.7331, 0.3199,
0.1676

■ 84.7038, 0.3089,
0.4139

■ 13.7420, 0.3203,
0.1593

■ 84.7080, 0.3089,
0.4139

■ 13.2270, 0.3204,
0.1549

■ 84.7123, 0.3089,
0.4139

Harmonies

Analogous

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



41.1652, 0.3012, 0.3079



41.1652, 0.3135, 0.3118



41.1652, 0.3258, 0.3201

Triad

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



41.1652, 0.3135, 0.3118



41.1652, 0.3336, 0.3487



41.1652, 0.2913, 0.3266

Complementary

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



41.1652, 0.3135, 0.3118



44.1980, 0.3119, 0.3468

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.



41.1652, 0.2996, 0.3381



41.1652, 0.3135, 0.3118



41.1652, 0.3240, 0.3510

Square

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



41.1652, 0.3135, 0.3118



41.1652, 0.3375, 0.3412



41.1652, 0.3116, 0.3471



41.1652, 0.2885, 0.3161

Rectangle

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



41.1652, 0.3135, 0.3118



41.1652, 0.3323, 0.3271



41.1652, 0.3116, 0.3471



41.1652, 0.2935, 0.3305

Sweetspot

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



41.1670, 0.3135, 0.3118



80.1101, 0.3129, 0.3242



39.7556, 0.3019, 0.3115



17.3448, 0.3129, 0.3244



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



41.1670, 0.3135, 0.3118



71.3956, 0.3137, 0.3070



40.9187, 0.3189, 0.3201



8.6459, 0.3137, 0.3066



9.0432, 0.3204, 0.1539



0.2848, 0.3206, 0.1540

Inverse Universe

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



40.6635, 0.3247, 0.3290



70.2584, 0.3284, 0.3290



44.4344, 0.3070, 0.3381



8.5055, 0.3287, 0.3290



6.7730, 0.6398, 0.3298



0.2132, 0.6387, 0.3292

Previews

White Background



This preview shows how the Yxy color 41.1652, 0.3135, 0.3118 looks on a white background.

Color Contrast Check

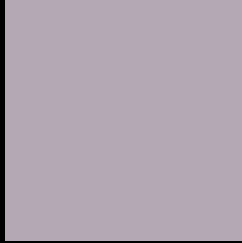
Large Text (above 18pt) WCAG AA × Fail

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 41.1652, 0.3135, 0.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

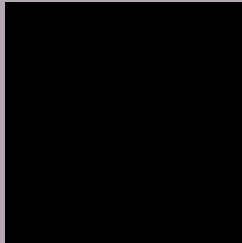
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1652, 0.3135, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 41.1652, 0.3135, 0.3118.



This preview shows how white text looks on a background with the Yxy color 41.1652, 0.3135, 0.3118.

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

41.1652, 0.3135, 0.3118

Protanopia

41.3154, 0.3037, 0.3128

Deuteranopia

41.1640, 0.3163, 0.3106



Tritanopia

41.1652, 0.3135, 0.3118

Trichromacy



Original Color

41.1652, 0.3135, 0.3118

Protanomaly

41.2408, 0.3072, 0.3129

Deuteranomaly

41.0409, 0.3154, 0.3105

Tritanomaly

41.1652, 0.3135, 0.3118

Monochromacy



Original Color

41.1652, 0.3135, 0.3118

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.4905, 0.3130, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1652, 0.3135, 0.3118 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(181, 168, 181)` looks like.

```
.text, #text, p{  
    color:rgb(181, 168, 181)  
}
```

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(181, 168, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 168, 181) }
```

Border

The CSS property to change the border of an element to Yxy 41.1652, 0.3135, 0.3118 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(181, 168, 181) }
```

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

```
.border{ border-color:rgb(181, 168, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 168, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 168, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 168, 181);  
box-shadow:4px 4px 4px 4px rgb(181, 168,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1652, 0.3135, 0.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 168, 181) }
```

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

```
.background{ background-color: rgb(181,  
168, 181) }
```

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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