

Converting Colors

$Y_{xy}(41.5558, 0.3332, 0.3137)$

Have a look what the booklet for
Yxy(41.5558, 0.3332, 0.3137)
contains.

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Color

Yxy(41.5558, 0.3332, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	C5A4B0
RGB	197, 164, 176
RGB Percent	77%, 64%, 69%
CMY	0.2274, 0.3569, 0.3098
CMYK	0.00, 0.17, 0.11, 0.23
HSL	338°, 22%, 71%
HSV	338°, 17%, 77%
XYZ	44.1390, 41.5558, 46.7751
YIQ	175.2350, 15.8160, 10.7280

Conversions

Conversions Part 2

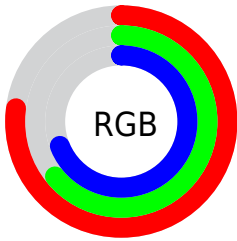
Format	Color
R _Y B	197, 164, 176
Decimal	12952752
CIE Lab	70.56, 14.08, -1.66
CIE LCh	71, 14.175, 353.269
Yxy	41.5558, 0.3332, 0.3137
Android (android.graphics.Color)	4291142832 (0xFFC5A4B0)
YUV	175.2350, 0.3771, 19.0879
Hunter-Lab	64.4638, 9.4090, 2.1037

Details

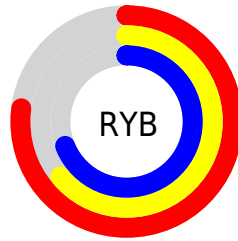
The Yxy color **41.5558, 0.3332, 0.3137** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.3285, 0.2958, 0.3449**, and the grayscale version is **42.9909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5601, 0.3292, 0.3161**, and **18.8832, 0.3389, 0.3082** is the 20% darker color. If you saturate the color by 10%, you get **34.5706, 0.3491, 0.3040**, and if you desaturate by 10%, it is **49.6827, 0.3202, 0.3230**.

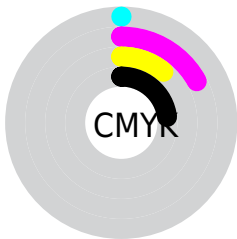
Distribution



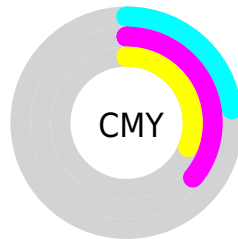
- Red (77%)
- Green (64%)
- Blue (69%)



- Red (77%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (17%)
- Yellow (11%)
- Black (23%)





- Cyan (23%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5558, 0.3332, 0.3137 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 41.5558, 0.3332, 0.3137 by changing the saturation by 10% instead.

 41.5558, 0.3332,
0.3137


 41.5558, 0.3332,
0.3137


352.6382, 0.3228,
0.3214

 28.7536, 0.3359,
0.3117


 77.5269, 0.3294,
0.3165

 18.8945, 0.3393,
0.3092


 101.4646, 0.3280,
0.3176

 11.5941, 0.3440,
0.3058


129.8830, 0.3268,
0.3185

 6.4679, 0.3506,
0.3010

163.1664, 0.3257,
0.3192

 3.1316, 0.3607,
0.2936

201.6992, 0.3248,
0.3199

 1.2008, 0.3783,
0.2811

245.8659, 0.3241,

 0.0624, 0.6205,

0.3205

0.0961

296.0508, 0.3234,
0.3210

0.0000, 0.0000,
0.0000

41.5558, 0.3332,
0.3137

41.5558, 0.3332,
0.3137

34.5706, 0.3491,
0.3040

49.6827, 0.3202,
0.3230

28.6702, 0.3683,
0.2942

58.9937, 0.3095,
0.3318

23.8011, 0.3912,
0.2848

69.5361, 0.3007,
0.3399

19.9030, 0.4179,
0.2768

81.3526, 0.2936,
0.3473

16.9095, 0.4480,
0.2711

89.6027, 0.2873,
0.3464

■ 14.7454, 0.4805,
0.2690

■ 90.3678, 0.2808,
0.3329

■ 13.3234, 0.5133,
0.2717

■ 90.6105, 0.2789,
0.3289

■ 12.5281, 0.5439,
0.2793

■ 12.3345, 0.5534,
0.2822

Harmonies

Analogous

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



41.5558, 0.3128, 0.3007



41.5558, 0.3332, 0.3137



41.5558, 0.3483, 0.3307

Triad

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



41.5558, 0.3332, 0.3137



41.5558, 0.3320, 0.3655



41.5558, 0.2735, 0.3083

Complementary

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



41.5558, 0.3332, 0.3137



51.3285, 0.2958, 0.3449

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.



41.5558, 0.2783, 0.3257



41.5558, 0.3332, 0.3137



41.5558, 0.3116, 0.3597

Square

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



41.5558, 0.3332, 0.3137



41.5558, 0.3475, 0.3607



41.5558, 0.2921, 0.3449



41.5558, 0.2787, 0.2972

Rectangle

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



41.5558, 0.3332, 0.3137



41.5558, 0.3531, 0.3423



41.5558, 0.2921, 0.3449



41.5558, 0.2740, 0.3135

Sweetspot

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



41.5576, 0.3332, 0.3137



91.6218, 0.3182, 0.3245



40.8854, 0.3038, 0.2866



19.3683, 0.3190, 0.3239



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



41.5576, 0.3332, 0.3137



69.7498, 0.3385, 0.3103



42.7052, 0.3434, 0.3348



10.6997, 0.3233, 0.3206



8.1276, 0.5500, 0.2803



0.3987, 0.4922, 0.2485

Inverse Universe

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



41.5576, 0.3332, 0.3137



69.7498, 0.3385, 0.3103



49.8882, 0.2874, 0.3232



10.6997, 0.3233, 0.3206



8.1276, 0.5500, 0.2803



0.3987, 0.4922, 0.2485

Previews

White Background



This preview shows how the Yxy color 41.5558, 0.3332, 0.3137 looks on a white background.

Color Contrast Check

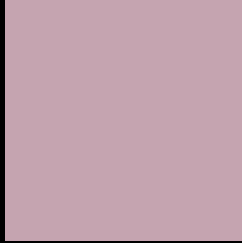
Large Text (above 18pt) WCAG AA × Fail

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 41.5558, 0.3332, 0.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

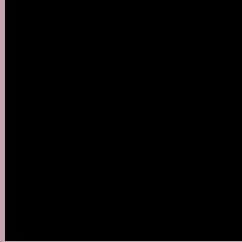
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5558, 0.3332, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 41.5558, 0.3332, 0.3137.



This preview shows how white text looks on a background with the Yxy color 41.5558, 0.3332, 0.3137.

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

41.5558, 0.3332, 0.3137

Protanopia

41.8399, 0.3071, 0.3169

Deuteranopia

41.4239, 0.3252, 0.3185



Tritanopia

41.5956, 0.3323, 0.3125

Trichromacy



Original Color

41.5558, 0.3332, 0.3137

Protanomaly

41.5757, 0.3161, 0.3158

Deuteranomaly

41.4439, 0.3282, 0.3173

Tritanomaly

41.5956, 0.3323, 0.3125

Monochromacy



Original Color

41.5558, 0.3332, 0.3137

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.2882, 0.3202, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5558, 0.3332, 0.3137 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(197, 164, 176)` looks like.

```
.text, #text, p{  
    color:rgb(197, 164, 176)  
}
```

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(197, 164, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 164, 176) }
```

Border

The CSS property to change the border of an element to Yxy 41.5558, 0.3332, 0.3137 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(197, 164, 176) }
```

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

```
.border{ border-color:rgb(197, 164, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 164, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 164, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 164, 176);  
box-shadow:4px 4px 4px 4px rgb(197, 164,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5558, 0.3332, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 164, 176) }
```

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

```
.background{ background-color: rgb(197,  
164, 176) }
```

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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