

Converting Colors

$Y_{xy}(55.2762, 0.3296, 0.3136)$

Have a look what the booklet for
Yxy(55.2762, 0.3296, 0.3136)
contains.

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Color

Yxy(55.5556, 0.3300, 0.3142)

Conversions

Conversions Part 1

Format	Color
Hex	DDBCC9
RGB	221, 188, 201
RGB Percent	87%, 74%, 79%
CMY	0.1333, 0.2628, 0.2117
CMYK	0.00, 0.15, 0.09, 0.13
HSL	336°, 33%, 80%
HSV	336°, 15%, 87%
XYZ	58.3493, 55.5556, 62.9111
YIQ	199.3490, 15.4950, 11.0390

Conversions

Conversions Part 2

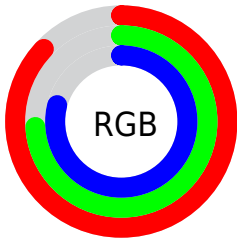
Format	Color
R_{YB}	221, 188, 201
Decimal	14531785
CIE _{Lab}	79.36, 13.91, -2.16
CIE _{LCh}	79, 14.080, 351.157
Yxy	55.5556, 0.3300, 0.3142
Android (android.graphics.Color)	4292721865 (0xFFDDBCC9)
YUV	199.3490, 0.8139, 18.9879
Hunter-Lab	74.5356, 9.2992, 2.1317

Details

The Yxy color **55.5556, 0.3300, 0.3142** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.9682, 0.2981, 0.3443**, and the grayscale version is **57.3285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **27.5415, 0.3349, 0.3110** is the 20% darker color. If you saturate the color by 10%, you get **46.2240, 0.3448, 0.3037**, and if you desaturate by 10%, it is **66.3931, 0.3179, 0.3243**.

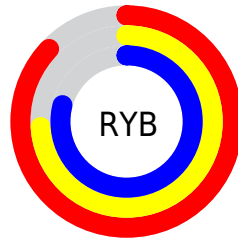
Distribution



Red (87%)

Green (74%)

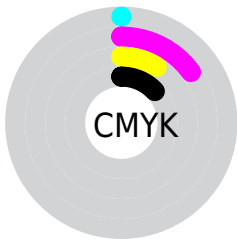
Blue (79%)



Red (87%)

Yellow (74%)

Blue (79%)

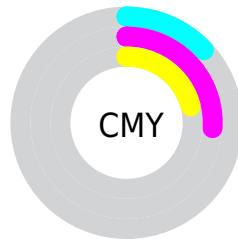


Cyan (0%)

Magenta (15%)

Yellow (9%)

Black (13%)



Cyan (13%)


Magenta (26%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5556, 0.3300, 0.3142 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 55.5556, 0.3300, 0.3142 by changing the saturation by 10% instead.


 55.5556, 0.3300,
0.3142

 55.5556, 0.3300,
0.3142


408.0146, 0.3216,
0.3213

 39.8467, 0.3320,
0.3125


 98.3545, 0.3270,
0.3167

 27.4191, 0.3345,
0.3104


126.2134, 0.3259,
0.3177

 17.8882, 0.3378,
0.3076


158.8910, 0.3249,
0.3185

 10.8698, 0.3423,
0.3038

196.7718, 0.3241,
0.3192

 5.9793, 0.3487,
0.2985

240.2401, 0.3234,
0.3199

 2.8325, 0.3586,
0.2903

289.6805, 0.3227,

 1.0449, 0.3761,

0.3204

0.2762

345.4771, 0.3222,
0.3209

0.0000, 0.7859,
0.0000

0.0000, 0.0000,
0.0000

55.5556, 0.3300,
0.3142

55.5556, 0.3300,
0.3142

46.2240, 0.3448,
0.3037

66.3931, 0.3179,
0.3243

38.3240, 0.3626,
0.2930

78.7919, 0.3079,
0.3337

31.7859, 0.3839,
0.2827

92.8135, 0.2998,
0.3424

26.5314, 0.4087,
0.2735

94.0881, 0.2925,
0.3294

■ 22.4739, 0.4370,
0.2667

■ 94.1151, 0.2923,
0.3289

■ 19.5163, 0.4676,
0.2635

■ 17.5456, 0.4990,
0.2650

■ 16.4244, 0.5289,
0.2718

■ 16.0646, 0.5431,
0.2766

Harmonies

Analogous

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



55.5556, 0.3115, 0.3028



55.5556, 0.3300, 0.3142



55.5556, 0.3441, 0.3294

Triad

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



55.5556, 0.3300, 0.3142



55.5556, 0.3313, 0.3618



55.5556, 0.2772, 0.3113

Complementary

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



55.5556, 0.3300, 0.3142



66.9682, 0.2981, 0.3443

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.



55.5556, 0.2822, 0.3273



55.5556, 0.3300, 0.3142



55.5556, 0.3131, 0.3573

Square

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



55.5556, 0.3300, 0.3142



55.5556, 0.3448, 0.3571



55.5556, 0.2952, 0.3444



55.5556, 0.2814, 0.3008

Rectangle

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



55.5556, 0.3300, 0.3142



55.5556, 0.3489, 0.3400



55.5556, 0.2952, 0.3444



55.5556, 0.2779, 0.3162

Sweetspot

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



55.5581, 0.3300, 0.3142



93.2721, 0.3169, 0.3251



54.5694, 0.3040, 0.2910



19.7017, 0.3177, 0.3244



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.



55.5581, 0.3300, 0.3142



72.4664, 0.3344, 0.3109



56.3984, 0.3400, 0.3329



13.1361, 0.3230, 0.3198



9.3513, 0.5391, 0.2744



0.6225, 0.4957, 0.2504

Inverse Universe

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



55.5581, 0.3300, 0.3142



72.4664, 0.3344, 0.3109



65.9084, 0.2900, 0.3251



13.1361, 0.3230, 0.3198



9.3513, 0.5391, 0.2744



0.6225, 0.4957, 0.2504

Previews

White Background



This preview shows how the Yxy color 55.5556, 0.3300, 0.3142 looks on a white background.

Color Contrast Check

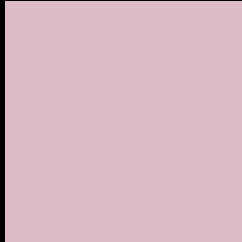
Large Text (above 18pt) WCAG AA × Fail

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 55.5556, 0.3300, 0.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

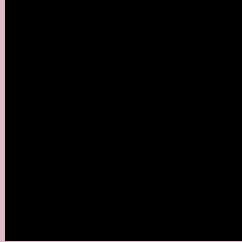
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5556, 0.3300, 0.3142

Background



This preview shows how black text looks on a background with the Yxy color 55.5556, 0.3300, 0.3142.



This preview shows how white text looks on a background with the Yxy color 55.5556, 0.3300, 0.3142.

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

55.5556, 0.3300, 0.3142

Protanopia

55.9419, 0.3070, 0.3170

Deuteranopia

55.7279, 0.3246, 0.3186



Tritanopia

55.6029, 0.3292, 0.3131

Trichromacy



Original Color

55.5556, 0.3300, 0.3142

Protanomaly

55.6214, 0.3149, 0.3161

Deuteranomaly

55.7488, 0.3272, 0.3175

Tritanomaly

55.6029, 0.3292, 0.3131

Monochromacy



Original Color

55.5556, 0.3300, 0.3142

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.4657, 0.3186, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5556, 0.3300, 0.3142 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(221, 188, 201)` looks like.

```
.text, #text, p{  
    color:rgb(221, 188, 201)  
}
```

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(221, 188, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 188, 201) }
```

Border

The CSS property to change the border of an element to Yxy 55.5556, 0.3300, 0.3142 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(221, 188, 201) }
```

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

```
.border{ border-color:rgb(221, 188, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 188, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 188, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 188, 201);  
box-shadow:4px 4px 4px 4px rgb(221, 188,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5556, 0.3300, 0.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 188, 201) }
```

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

```
.background{ background-color: rgb(221,  
188, 201) }
```

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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