

Converting Colors

$Y_{xy}(55.7756, 0.3268, 0.3134)$

Have a look what the booklet for
Yxy(55.7756, 0.3268, 0.3134)
contains.

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Color

Yxy(55.7671, 0.3266, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	DBBDCB
RGB	219, 189, 203
RGB Percent	86%, 74%, 80%
CMY	0.1412, 0.2588, 0.2038
CMYK	0.00, 0.14, 0.07, 0.14
HSL	332°, 29%, 80%
HSV	332°, 14%, 86%
XYZ	58.1902, 55.7671, 64.2123
YIQ	199.5660, 13.3860, 10.7140

Conversions

Conversions Part 2

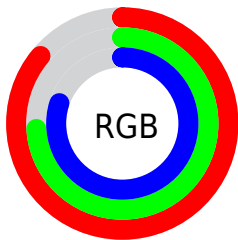
Format	Color
R _Y B	219, 189, 203
Decimal	14400971
CIE Lab	79.48, 13.00, -3.10
CIE LCh	79, 13.369, 346.607
Yxy	55.7671, 0.3266, 0.3130
Android (android.graphics.Color)	4292591051 (0xFFDBBDCB)
YUV	199.5660, 1.6930, 17.0436
Hunter-Lab	74.6774, 8.4056, 1.2929

Details

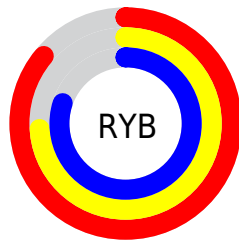
The Yxy color $55.7671, 0.3266, 0.3130$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $65.8835, 0.3007, 0.3456$, and the grayscale version is $57.4629, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $27.6708, 0.3303, 0.3094$ is the 20% darker color. If you saturate the color by 10%, you get $46.5131, 0.3393, 0.3006$, and if you desaturate by 10%, it is $66.4903, 0.3161, 0.3248$.

Distribution



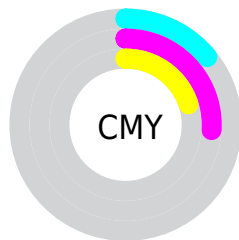
- Red (86%)
- Green (74%)
- Blue (80%)



- Red (86%)
- Yellow (74%)
- Blue (80%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (14%)





- Cyan (14%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7671, 0.3266, 0.3130 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 55.7671, 0.3266, 0.3130 by changing the saturation by 10% instead.


 55.7671, 0.3266,
0.3130

 55.7671, 0.3266,
0.3130


408.8132, 0.3199,
0.3207

 40.0162, 0.3282,
0.3112


 98.6640, 0.3242,
0.3157

 27.5512, 0.3302,
0.3089


126.5788, 0.3233,
0.3168

 17.9876, 0.3328,
0.3059


159.3170, 0.3225,
0.3177

 10.9411, 0.3364,
0.3019

197.2630, 0.3219,
0.3184

 6.0272, 0.3414,
0.2963

240.8012, 0.3213,
0.3191

 2.8617, 0.3492,
0.2876

290.3161, 0.3208,

 1.0599, 0.3628,

0.3197

0.2728

346.1919, 0.3203,
0.3202

0.0000, 0.6307,
0.0000

0.0000, 0.0000,
0.0000

55.7671, 0.3266,
0.3130

55.7671, 0.3266,
0.3130

46.5131, 0.3393,
0.3006

66.4903, 0.3161,
0.3248

38.6565, 0.3545,
0.2880

78.7356, 0.3075,
0.3359

32.1303, 0.3725,
0.2758

92.5628, 0.3003,
0.3462

26.8592, 0.3935,
0.2646

93.4595, 0.2940,
0.3344

■ 22.7605, 0.4172,
0.2557

■ 93.7984, 0.2911,
0.3289

■ 19.7410, 0.4431,
0.2503

■ 17.6934, 0.4699,
0.2496

■ 16.4879, 0.4962,
0.2544

■ 16.0255, 0.5122,
0.2595

Harmonies

Analogous

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



55.7671, 0.3088, 0.3030



55.7671, 0.3266, 0.3130



55.7671, 0.3409, 0.3271

Triad

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



55.7671, 0.3266, 0.3130



55.7671, 0.3327, 0.3600



55.7671, 0.2792, 0.3143

Complementary

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



55.7671, 0.3266, 0.3130



65.8835, 0.3007, 0.3456

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.



55.7671, 0.2852, 0.3299



55.7671, 0.3266, 0.3130



55.7671, 0.3158, 0.3570

Square

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



55.7671, 0.3266, 0.3130



55.7671, 0.3444, 0.3543



55.7671, 0.2985, 0.3458



55.7671, 0.2818, 0.3033

Rectangle

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



55.7671, 0.3266, 0.3130



55.7671, 0.3463, 0.3373



55.7671, 0.2985, 0.3458



55.7671, 0.2803, 0.3192

Sweetspot

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



55.7696, 0.3266, 0.3130



93.3190, 0.3164, 0.3244



54.4199, 0.3028, 0.2942



19.7136, 0.3172, 0.3236



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.



55.7696, 0.3266, 0.3130



75.3535, 0.3295, 0.3100



55.3463, 0.3377, 0.3297



13.1524, 0.3219, 0.3181



9.5251, 0.5086, 0.2576



0.6344, 0.4701, 0.2363

Inverse Universe

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



55.7696, 0.3266, 0.3130



75.3535, 0.3295, 0.3100



66.3307, 0.2919, 0.3284



13.1524, 0.3219, 0.3181



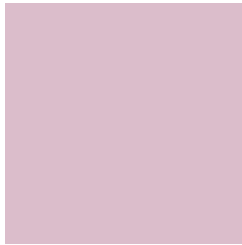
9.5251, 0.5086, 0.2576



0.6344, 0.4701, 0.2363

Previews

White Background



This preview shows how the Yxy color 55.7671, 0.3266, 0.3130 looks on a white background.

Color Contrast Check

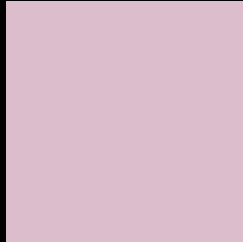
Large Text (above 18pt) WCAG AA × Fail

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 55.7671, 0.3266, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

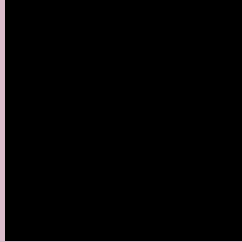
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.7671, 0.3266, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 55.7671, 0.3266, 0.3130.



This preview shows how white text looks on a background with the Yxy color 55.7671, 0.3266, 0.3130.

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

55.7671, 0.3266, 0.3130

Protanopia

55.9906, 0.3063, 0.3159

Deuteranopia

55.8695, 0.3223, 0.3151



Tritanopia

55.8149, 0.3258, 0.3119

Trichromacy



Original Color

55.7671, 0.3266, 0.3130

Protanomaly

55.7180, 0.3134, 0.3137

Deuteranomaly

55.7376, 0.3241, 0.3141

Tritanomaly

55.8149, 0.3258, 0.3119

Monochromacy



Original Color

55.7671, 0.3266, 0.3130

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.9623, 0.3178, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7671, 0.3266, 0.3130 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(219, 189, 203)` looks like.

```
.text, #text, p{  
    color:rgb(219, 189, 203)  
}
```

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(219, 189, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 189, 203) }
```

Border

The CSS property to change the border of an element to Yxy 55.7671, 0.3266, 0.3130 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(219, 189, 203) }
```

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

```
.border{ border-color:rgb(219, 189, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 189, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 189, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 189, 203);  
box-shadow:4px 4px 4px 4px rgb(219, 189,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7671, 0.3266, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 189, 203) }
```

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

```
.background{ background-color: rgb(219,  
189, 203) }
```

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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