

Converting Colors

$Yxy(55.6878, 0.3251, 0.3090)$

Have a look what the booklet for
Yxy(55.6878, 0.3251, 0.3090)
contains.

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Color

Yxy(55.6383, 0.3252, 0.3086)

Conversions

Conversions Part 1

Format	Color
Hex	DCBCCE
RGB	220, 188, 206
RGB Percent	86%, 74%, 81%
CMY	0.1373, 0.2627, 0.1923
CMYK	0.00, 0.15, 0.06, 0.14
HSL	326°, 31%, 80%
HSV	326°, 15%, 86%
XYZ	58.6312, 55.6383, 66.0232
YIQ	199.6200, 13.2940, 12.3820

Conversions

Conversions Part 2

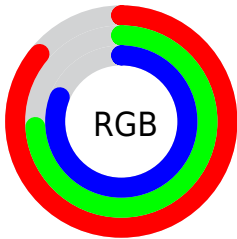
Format	Color
R _Y B	220, 188, 206
Decimal	14466254
CIE Lab	79.41, 14.39, -4.79
CIE LCh	79, 15.167, 341.607
Yxy	55.6383, 0.3252, 0.3086
Android (android.graphics.Color)	4292656334 (0xFFDCBCCE)
YUV	199.6200, 3.1453, 17.8733
Hunter-Lab	74.5911, 9.7727, -0.2659

Details

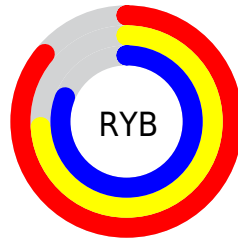
The Yxy color **55.6383, 0.3252, 0.3086** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.1341, 0.3019, 0.3503**, and the grayscale version is **57.4866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **27.5943, 0.3284, 0.3036** is the 20% darker color. If you saturate the color by 10%, you get **46.4923, 0.3359, 0.2938**, and if you desaturate by 10%, it is **66.2505, 0.3163, 0.3228**.

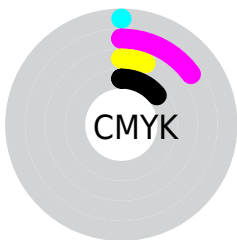
Distribution



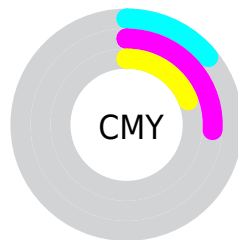
- Red (86%)
- Green (74%)
- Blue (81%)



- Red (86%)
- Yellow (74%)
- Blue (81%)



- Cyan (0%)
- Magenta (15%)
- Yellow (6%)
- Black (14%)





- Cyan (14%)
- Magenta (26%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6383, 0.3252, 0.3086 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 55.6383, 0.3252, 0.3086 by changing the saturation by 10% instead.

 55.6383, 0.3252,
0.3086

 55.6383, 0.3252,
0.3086


408.3270, 0.3192,
0.3183

 39.9130, 0.3266,
0.3063

 98.4755, 0.3231,
0.3120

 27.4707, 0.3284,
0.3034


126.3563, 0.3223,
0.3134

 17.9271, 0.3307,
0.2997


159.0576, 0.3216,
0.3145

 10.8976, 0.3338,
0.2947

196.9639, 0.3210,
0.3155

 5.9980, 0.3382,
0.2876

240.4596, 0.3205,
0.3163

 2.8439, 0.3449,
0.2769

289.9291, 0.3200,

 1.0508, 0.3564,

0.3171

0.2589

345.7567, 0.3196,
0.3178

0.0000, 0.5234,
0.0000

0.0000, 0.0000,
0.0000

55.6383, 0.3252,
0.3086

55.6383, 0.3252,
0.3086

46.4923, 0.3359,
0.2938

66.2505, 0.3163,
0.3228

38.7399, 0.3485,
0.2788

78.3825, 0.3088,
0.3362

32.3135, 0.3633,
0.2643

92.0944, 0.3027,
0.3487

27.1368, 0.3802,
0.2511

93.2964, 0.2973,
0.3396

■ 23.1258, 0.3990,
0.2404

■ 93.8991, 0.2922,
0.3298

■ 20.1859, 0.4193,
0.2333

■ 93.9523, 0.2917,
0.3289

■ 18.2075, 0.4403,
0.2310

■ 17.0572, 0.4609,
0.2340

■ 16.6570, 0.4720,
0.2374

Harmonies

Analogous

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



55.6383, 0.3049, 0.2983



55.6383, 0.3252, 0.3086



55.6383, 0.3425, 0.3240

Triad

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



55.6383, 0.3252, 0.3086



55.6383, 0.3381, 0.3638



55.6383, 0.2752, 0.3149

Complementary

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



55.6383, 0.3252, 0.3086



66.1341, 0.3019, 0.3503

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.



55.6383, 0.2836, 0.3331



55.6383, 0.3252, 0.3086



55.6383, 0.3196, 0.3622

Square

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



55.6383, 0.3252, 0.3086



55.6383, 0.3500, 0.3557



55.6383, 0.2996, 0.3508



55.6383, 0.2766, 0.3014

Rectangle

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



55.6383, 0.3252, 0.3086



55.6383, 0.3498, 0.3354



55.6383, 0.2996, 0.3508



55.6383, 0.2770, 0.3207

Sweetspot

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



55.6407, 0.3252, 0.3086



93.3793, 0.3159, 0.3235



53.6777, 0.3001, 0.2917



19.7288, 0.3165, 0.3225



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.



55.6407, 0.3252, 0.3086



74.2285, 0.3278, 0.3048



54.9100, 0.3379, 0.3266



13.1734, 0.3204, 0.3159



9.8007, 0.4690, 0.2357



0.6521, 0.4383, 0.2188

Inverse Universe

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



55.6407, 0.3252, 0.3086



74.2285, 0.3278, 0.3048



66.9227, 0.2920, 0.3314



13.1734, 0.3204, 0.3159



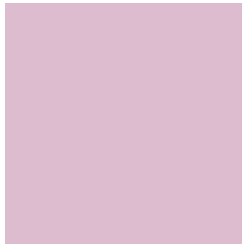
9.8007, 0.4690, 0.2357



0.6521, 0.4383, 0.2188

Previews

White Background



This preview shows how the Yxy color 55.6383, 0.3252, 0.3086 looks on a white background.

Color Contrast Check

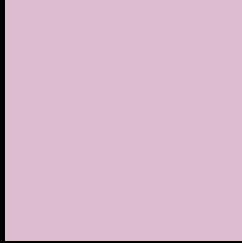
Large Text (above 18pt) WCAG AA × Fail

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 55.6383, 0.3252, 0.3086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

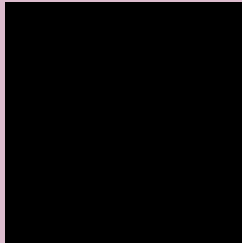
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.6383, 0.3252, 0.3086

Background



This preview shows how black text looks on a background with the Yxy color 55.6383, 0.3252, 0.3086.



This preview shows how white text looks on a background with the Yxy color 55.6383, 0.3252, 0.3086.

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

55.6383, 0.3252, 0.3086

Protanopia

55.9188, 0.3019, 0.3111

Deuteranopia

55.6664, 0.3192, 0.3128



Tritanopia

55.4939, 0.3276, 0.3119

Trichromacy



Original Color

55.6383, 0.3252, 0.3086

Protanomaly

55.7225, 0.3104, 0.3102

Deuteranomaly

55.6818, 0.3217, 0.3117

Tritanomaly

55.5417, 0.3268, 0.3108

Monochromacy



Original Color

55.6383, 0.3252, 0.3086

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.0095, 0.3170, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6383, 0.3252, 0.3086 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(220, 188, 206)` looks like.

```
.text, #text, p{  
    color:rgb(220, 188, 206)  
}
```

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(220, 188, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 188, 206) }
```

Border

The CSS property to change the border of an element to Yxy 55.6383, 0.3252, 0.3086 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(220, 188, 206) }
```

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

```
.border{ border-color:rgb(220, 188, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 188, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 188, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 188, 206);  
box-shadow:4px 4px 4px 4px rgb(220, 188,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6383, 0.3252, 0.3086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 188, 206) }
```

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

```
.background{ background-color: rgb(220,  
188, 206) }
```

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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