

Converting Colors

$Y_{xy}(55.8918, 0.3211, 0.3027)$

Have a look what the booklet for
Yxy(55.8918, 0.3211, 0.3027)
contains.

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Color

Yxy(55.8852, 0.3213, 0.3030)

Conversions

Conversions Part 1

Format	Color
Hex	DCBCD3
RGB	220, 188, 211
RGB Percent	86%, 74%, 83%
CMY	0.1372, 0.2628, 0.1725
CMYK	0.00, 0.15, 0.04, 0.14
HSL	317°, 31%, 80%
HSV	317°, 15%, 86%
XYZ	59.2604, 55.8852, 69.2940
YIQ	200.1900, 11.6890, 13.9370

Conversions

Conversions Part 2

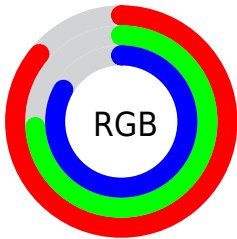
Format	Color
R _Y B	220, 188, 211
Decimal	14466259
CIE Lab	79.55, 15.30, -7.29
CIE LCh	80, 16.951, 334.517
Yxy	55.8852, 0.3213, 0.3030
Android (android.graphics.Color)	4292656339 (0xFFDCBCD3)
YUV	200.1900, 5.3293, 17.3734
Hunter-Lab	74.7564, 10.6757, -2.6282

Details

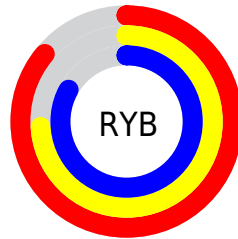
The Yxy color **55.8852, 0.3213, 0.3030** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.9189, 0.3051, 0.3565**, and the grayscale version is **57.8456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **27.7276, 0.3241, 0.2978** is the 20% darker color. If you saturate the color by 10%, you get **46.8884, 0.3284, 0.2844**, and if you desaturate by 10%, it is **66.3319, 0.3152, 0.3211**.

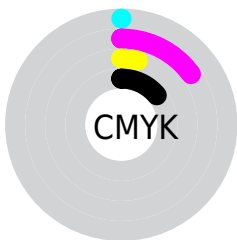
Distribution



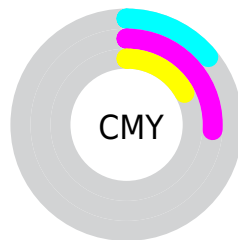
- Red (86%)
- Green (74%)
- Blue (83%)



- Red (86%)
- Yellow (74%)
- Blue (83%)



- Cyan (0%)
- Magenta (15%)
- Yellow (4%)
- Black (14%)





- Cyan (14%)
- Magenta (26%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8852, 0.3213, 0.3030 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 55.8852, 0.3213, 0.3030 by changing the saturation by 10% instead.


 55.8852, 0.3213,
0.3030

 55.8852, 0.3213,
0.3030

409.2587, 0.3173,
0.3153

 40.1109, 0.3222,
0.3001


 98.8367, 0.3199,
0.3073

 27.6250, 0.3234,
0.2965


126.7827, 0.3193,
0.3090

 18.0432, 0.3249,
0.2918


159.5547, 0.3189,
0.3105

 10.9810, 0.3269,
0.2856

197.5371, 0.3185,
0.3117

 6.0541, 0.3296,
0.2769

241.1143, 0.3181,
0.3128

 2.8780, 0.3337,
0.2638

290.6707, 0.3178,

 1.0684, 0.3402,

0.3137

0.2422

346.5907, 0.3175,
0.3146

0.0000, 0.4172,
0.0000

0.0000, 0.0000,
0.0000

55.8852, 0.3213,
0.3030

55.8852, 0.3213,
0.3030

46.8884, 0.3284,
0.2844

66.3319, 0.3152,
0.3211

39.2692, 0.3367,
0.2657

78.2817, 0.3100,
0.3382

32.9605, 0.3460,
0.2477

91.7945, 0.3056,
0.3543

27.8862, 0.3564,
0.2313

92.7817, 0.3022,
0.3488

■ 23.9626, 0.3676,
0.2176

■ 93.1476, 0.2988,
0.3423

■ 21.0956, 0.3793,
0.2075

■ 93.5260, 0.2954,
0.3359

■ 19.1759, 0.3911,
0.2020

■ 93.9172, 0.2921,
0.3296

■ 18.0704, 0.4027,
0.2014

■ 93.9585, 0.2917,
0.3289

■ 17.6900, 0.4089,
0.2026

Harmonies

Analogous

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



55.8852, 0.2988, 0.2934



55.8852, 0.3213, 0.3030



55.8852, 0.3421, 0.3190

Triad

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



55.8852, 0.3213, 0.3030



55.8852, 0.3450, 0.3665



55.8852, 0.2723, 0.3177

Complementary

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



55.8852, 0.3213, 0.3030



65.9189, 0.3051, 0.3565

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.



55.8852, 0.2838, 0.3386



55.8852, 0.3213, 0.3030



55.8852, 0.3255, 0.3676

Square

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



55.8852, 0.3213, 0.3030



55.8852, 0.3560, 0.3553



55.8852, 0.3031, 0.3573



55.8852, 0.2712, 0.3010

Rectangle

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



55.8852, 0.3213, 0.3030



55.8852, 0.3518, 0.3315



55.8852, 0.3031, 0.3573



55.8852, 0.2750, 0.3245

Sweetspot

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



55.8876, 0.3213, 0.3030



93.4803, 0.3149, 0.3220



52.9420, 0.2959, 0.2911



19.7544, 0.3153, 0.3206



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.



55.8876, 0.3213, 0.3030



74.6310, 0.3230, 0.2982



55.1457, 0.3336, 0.3205



13.2091, 0.3180, 0.3123



10.4001, 0.4072, 0.2017



0.6882, 0.3899, 0.1922

Inverse Universe

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



55.8876, 0.3213, 0.3030



74.6310, 0.3230, 0.2982



66.6682, 0.2953, 0.3377



13.2091, 0.3180, 0.3123



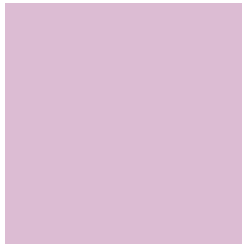
10.4001, 0.4072, 0.2017



0.6882, 0.3899, 0.1922

Previews

White Background



This preview shows how the Yxy color 55.8852, 0.3213, 0.3030 looks on a white background.

Color Contrast Check

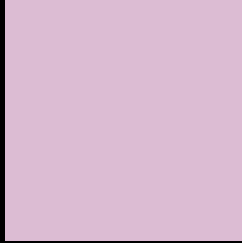
Large Text (above 18pt) WCAG AA × Fail

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 55.8852, 0.3213, 0.3030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

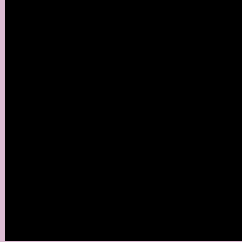
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8852, 0.3213, 0.3030

Background



This preview shows how black text looks on a background with the Yxy color 55.8852, 0.3213, 0.3030.



This preview shows how white text looks on a background with the Yxy color 55.8852, 0.3213, 0.3030.

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

55.8852, 0.3213, 0.3030

Protanopia

56.0398, 0.2976, 0.3053

Deuteranopia

56.0541, 0.3137, 0.3082



Tritanopia

55.8149, 0.3258, 0.3119

Trichromacy



Original Color

55.8852, 0.3213, 0.3030

Protanomaly

55.8323, 0.3060, 0.3045

Deuteranomaly

56.2109, 0.3170, 0.3072

Tritanomaly

55.9603, 0.3235, 0.3085

Monochromacy



Original Color

55.8852, 0.3213, 0.3030

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.1049, 0.3155, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8852, 0.3213, 0.3030 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(220, 188, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 188, 211) }
```

Border

The CSS property to change the border of an element to Yxy 55.8852, 0.3213, 0.3030 is called "border". The border property can be set on classes, ids or directly on the HTML element.

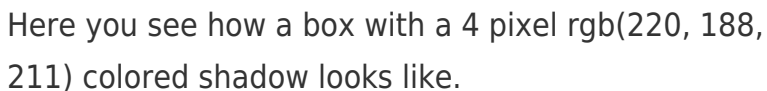
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 188, 211) }
```

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

```
.border{ border-color:rgb(220, 188, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 188, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 188, 211); box-shadow:4px 4px 4px 4px rgb(220, 188, 211) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8852, 0.3213, 0.3030 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, 211) }
```

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

```
.background{ background-color: rgb(220,  
188, 211) }
```

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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