

Converting Colors

Yxy(55.8119, 0.3222, 0.3041)

Have a look what the booklet for
Yxy(55.8119, 0.3222, 0.3041)
contains.

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Color

Yxy(55.8352, 0.3221, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	DCBCD2
RGB	220, 188, 210
RGB Percent	86%, 74%, 82%
CMY	0.1371, 0.2628, 0.1765
CMYK	0.00, 0.15, 0.05, 0.14
HSL	319°, 31%, 80%
HSV	319°, 15%, 86%
XYZ	59.1401, 55.8352, 68.6327
YIQ	200.0760, 12.0100, 13.6260

Conversions

Conversions Part 2

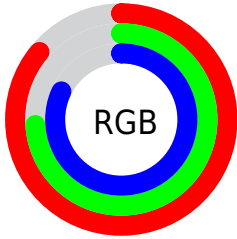
Format	Color
R _Y B	220, 188, 210
Decimal	14466258
CIE Lab	79.52, 15.14, -6.79
CIE LCh	80, 16.590, 335.828
Yxy	55.8352, 0.3221, 0.3041
Android (android.graphics.Color)	4292656338 (0xFFDCBCD2)
YUV	200.0760, 4.8925, 17.4733
Hunter-Lab	74.7230, 10.5102, -2.1515

Details

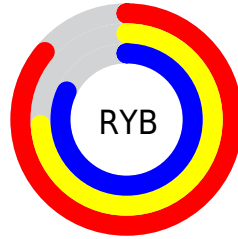
The Yxy color **55.8352, 0.3221, 0.3041** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.9767, 0.3044, 0.3553**, and the grayscale version is **57.7754, 0.3127, 0.3290**.

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 **46.8065, 0.3300, 0.2862**, and if you desaturate by 10%, it is **66.3168, 0.3154, 0.3214**.

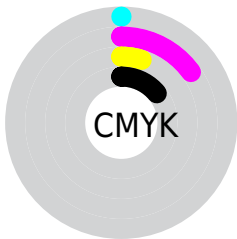
Distribution



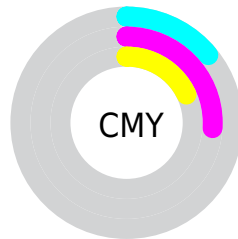
- Red (86%)
- Green (74%)
- Blue (82%)



- Red (86%)
- Yellow (74%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (5%)
- Black (14%)





- Cyan (14%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.8352, 0.3221, 0.3041 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 55.8352, 0.3221, 0.3041 by changing the saturation by 10% instead.


 55.8352, 0.3221,
0.3041

 55.8352, 0.3221,
0.3041


409.0701, 0.3177,
0.3159

 40.0708, 0.3231,
0.3013


 98.7636, 0.3205,
0.3083

 27.5938, 0.3244,
0.2978


126.6964, 0.3199,
0.3099

 18.0197, 0.3261,
0.2933


159.4541, 0.3194,
0.3112

 10.9641, 0.3283,
0.2874

197.4211, 0.3190,
0.3124

 6.0427, 0.3314,
0.2790

240.9818, 0.3186,
0.3135

 2.8711, 0.3359,
0.2664

290.5206, 0.3182,

 1.0648, 0.3434,

0.3144

0.2454

346.4219, 0.3179,
0.3152

0.0000, 0.4334,
0.0000

0.0000, 0.0000,
0.0000

55.8352, 0.3221,
0.3041

55.8352, 0.3221,
0.3041

46.8065, 0.3300,
0.2862

66.3168, 0.3154,
0.3214

39.1585, 0.3391,
0.2683

78.3049, 0.3098,
0.3378

32.8239, 0.3495,
0.2510

91.8590, 0.3050,
0.3531

27.7266, 0.3611,
0.2352

92.8900, 0.3012,
0.3469

■ 23.7828, 0.3737,
0.2220

■ 93.3021, 0.2974,
0.3397

■ 20.8982, 0.3871,
0.2125

■ 93.7298, 0.2937,
0.3326

■ 18.9636, 0.4006,
0.2076

■ 93.9620, 0.2917,
0.3289

■ 17.8457, 0.4139,
0.2077

■ 17.4600, 0.4210,
0.2093

Harmonies

Analogous

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



55.8352, 0.3000, 0.2943



55.8352, 0.3221, 0.3041



55.8352, 0.3422, 0.3200

Triad

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



55.8352, 0.3221, 0.3041



55.8352, 0.3436, 0.3660



55.8352, 0.2728, 0.3171

Complementary

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



55.8352, 0.3221, 0.3041



65.9767, 0.3044, 0.3553

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.



55.8352, 0.2837, 0.3375



55.8352, 0.3221, 0.3041



55.8352, 0.3243, 0.3666

Square

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



55.8352, 0.3221, 0.3041



55.8352, 0.3548, 0.3554



55.8352, 0.3024, 0.3560



55.8352, 0.2722, 0.3011

Rectangle

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



55.8352, 0.3221, 0.3041



55.8352, 0.3515, 0.3323



55.8352, 0.3024, 0.3560



55.8352, 0.2754, 0.3237

Sweetspot

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



55.8376, 0.3221, 0.3041



93.4598, 0.3151, 0.3223



53.0842, 0.2967, 0.2912



19.7492, 0.3156, 0.3210



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.



55.8376, 0.3221, 0.3041



74.5482, 0.3240, 0.2995



55.0975, 0.3345, 0.3217



13.2018, 0.3185, 0.3131



10.2637, 0.4191, 0.2082



0.6802, 0.3992, 0.1973

Inverse Universe

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



55.8376, 0.3221, 0.3041



74.5482, 0.3240, 0.2995



66.7343, 0.2946, 0.3365



13.2018, 0.3185, 0.3131



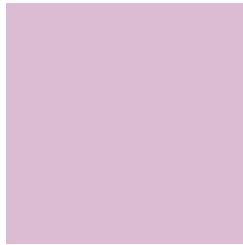
10.2637, 0.4191, 0.2082



0.6802, 0.3992, 0.1973

Previews

White Background



This preview shows how the Yxy color 55.8352, 0.3221, 0.3041 looks on a white background.

Color Contrast Check

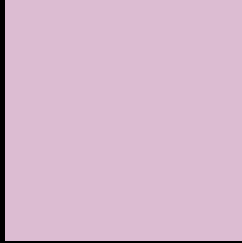
Large Text (above 18pt) WCAG AA × Fail

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 55.8352, 0.3221, 0.3041 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 55.8352, 0.3221, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 55.8352, 0.3221, 0.3041.



This preview shows how white text looks on a background with the Yxy color 55.8352, 0.3221, 0.3041.

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

55.8352, 0.3221, 0.3041

Protanopia

56.1219, 0.2991, 0.3065

Deuteranopia

55.7139, 0.3153, 0.3082



Tritanopia

55.8149, 0.3258, 0.3119

Trichromacy



Original Color

55.8352, 0.3221, 0.3041

Protanomaly

55.9232, 0.3075, 0.3057

Deuteranomaly

55.7265, 0.3178, 0.3072

Tritanomaly

55.9115, 0.3243, 0.3097

Monochromacy



Original Color

55.8352, 0.3221, 0.3041

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 55.8352, 0.3221, 0.3041 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(220, 188, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 188, 210) }
```

Border

The CSS property to change the border of an element to Yxy 55.8352, 0.3221, 0.3041 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, 210) }
```

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

```
.border{ border-color:rgb(220, 188, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 188, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 188, 210);  
box-shadow:4px 4px 4px 4px rgb(220, 188,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8352, 0.3221, 0.3041 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, 210) }
```

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

```
.background{ background-color: rgb(220,  
188, 210) }
```

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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