

Converting Colors

$Y_{xy}(55.3710, 0.3261, 0.3074)$

Have a look what the booklet for
Yxy(55.3710, 0.3261, 0.3074)
contains.

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Color

Yxy(55.3690, 0.3261, 0.3075)

Conversions

Conversions Part 1

Format	Color
Hex	DDBBCE
RGB	221, 187, 206
RGB Percent	87%, 73%, 81%
CMY	0.1335, 0.2666, 0.1922
CMYK	0.00, 0.15, 0.07, 0.13
HSL	326°, 33%, 80%
HSV	326°, 15%, 87%
XYZ	58.7181, 55.3690, 65.9746
YIQ	199.3320, 14.1650, 13.1170

Conversions

Conversions Part 2

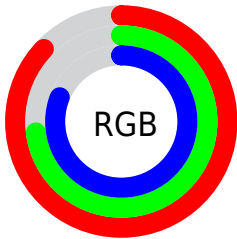
Format	Color
R _Y B	221, 187, 206
Decimal	14531534
CIE Lab	79.25, 15.27, -5.01
CIE LCh	79, 16.068, 341.833
Yxy	55.3690, 0.3261, 0.3075
Android (android.graphics.Color)	4292721614 (0xFFDDBBCE)
YUV	199.3320, 3.2873, 19.0028
Hunter-Lab	74.4103, 10.6385, -0.4812

Details

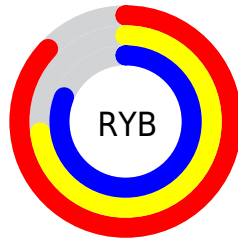
The Yxy color $55.3690, 0.3261, 0.3075$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $66.5220, 0.3012, 0.3515$, and the grayscale version is $57.2987, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $27.4242, 0.3296, 0.3021$ is the 20% darker color. If you saturate the color by 10%, you get $46.2458, 0.3370, 0.2928$, and if you desaturate by 10%, it is $65.9689, 0.3170, 0.3217$.

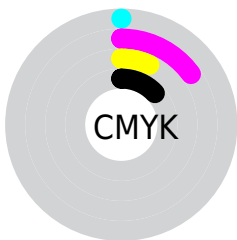
Distribution



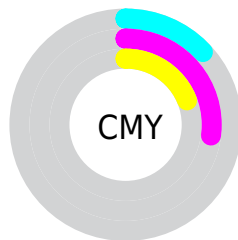
- Red (87%)
- Green (73%)
- Blue (81%)



- Red (87%)
- Yellow (73%)
- Blue (81%)



- Cyan (0%)
- Magenta (15%)
- Yellow (7%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3690, 0.3261, 0.3075 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 55.3690, 0.3261, 0.3075 by changing the saturation by 10% instead.


 55.3690, 0.3261,
0.3075

 55.3690, 0.3261,
0.3075


407.3092, 0.3197,
0.3178

 39.6972, 0.3276,
0.3051


 98.0814, 0.3238,
0.3111

 27.3026, 0.3295,
0.3020


125.8908, 0.3230,
0.3125

 17.8006, 0.3320,
0.2981


158.5149, 0.3222,
0.3137

 10.8069, 0.3353,
0.2928

196.3380, 0.3216,
0.3147

 5.9371, 0.3401,
0.2854

239.7446, 0.3210,
0.3156

 2.8069, 0.3473,
0.2742

289.1191, 0.3205,

 1.0318, 0.3596,

0.3164

0.2552

344.8458, 0.3201,
0.3171

0.0000, 0.5305,
0.0000

0.0000, 0.0000,
0.0000

55.3690, 0.3261,
0.3075

55.3690, 0.3261,
0.3075

46.2458, 0.3370,
0.2928

65.9689, 0.3170,
0.3217

38.5258, 0.3499,
0.2779

78.1001, 0.3094,
0.3351

32.1400, 0.3650,
0.2635

91.8237, 0.3031,
0.3476

27.0107, 0.3822,
0.2505

93.4768, 0.2977,
0.3392

■ 23.0522, 0.4014,
0.2401

■ 94.0880, 0.2924,
0.3292

■ 20.1678, 0.4219,
0.2334

■ 94.1054, 0.2923,
0.3289

■ 18.2451, 0.4430,
0.2316

■ 17.1464, 0.4638,
0.2352

■ 16.8072, 0.4733,
0.2381

Harmonies

Analogous

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



55.3690, 0.3046, 0.2966



55.3690, 0.3261, 0.3075



55.3690, 0.3445, 0.3238

Triad

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



55.3690, 0.3261, 0.3075



55.3690, 0.3395, 0.3659



55.3690, 0.2730, 0.3139

Complementary

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



55.3690, 0.3261, 0.3075



66.5220, 0.3012, 0.3515

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.



55.3690, 0.2817, 0.3332



55.3690, 0.3261, 0.3075



55.3690, 0.3198, 0.3642

Square

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



55.3690, 0.3261, 0.3075



55.3690, 0.3523, 0.3574



55.3690, 0.2987, 0.3520



55.3690, 0.2745, 0.2996

Rectangle

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



55.3690, 0.3261, 0.3075



55.3690, 0.3522, 0.3359



55.3690, 0.2987, 0.3520



55.3690, 0.2748, 0.3200

Sweetspot

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



55.3714, 0.3261, 0.3075



91.7761, 0.3167, 0.3221



53.2873, 0.2992, 0.2894



19.4058, 0.3173, 0.3212



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.



55.3714, 0.3261, 0.3075



72.8936, 0.3290, 0.3034



54.6025, 0.3396, 0.3265



13.1728, 0.3205, 0.3160



9.7910, 0.4703, 0.2364



0.6515, 0.4393, 0.2194

Inverse Universe

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



55.3714, 0.3261, 0.3075



72.8936, 0.3290, 0.3034



67.3564, 0.2909, 0.3316



13.1728, 0.3205, 0.3160



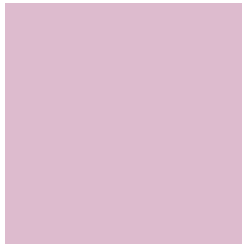
9.7910, 0.4703, 0.2364



0.6515, 0.4393, 0.2194

Previews

White Background



This preview shows how the Yxy color 55.3690, 0.3261, 0.3075 looks on a white background.

Color Contrast Check

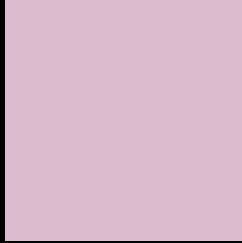
Large Text (above 18pt) WCAG AA × Fail

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 55.3690, 0.3261, 0.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

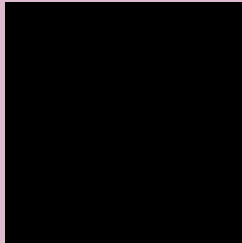
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3690, 0.3261, 0.3075

Background



This preview shows how black text looks on a background with the Yxy color 55.3690, 0.3261, 0.3075.



This preview shows how white text looks on a background with the Yxy color 55.3690, 0.3261, 0.3075.

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

55.3690, 0.3261, 0.3075

Protanopia

55.4691, 0.3019, 0.3099

Deuteranopia

55.5183, 0.3183, 0.3127



Tritanopia

55.4464, 0.3284, 0.3130

Trichromacy



Original Color

55.3690, 0.3261, 0.3075

Protanomaly

55.2819, 0.3105, 0.3090

Deuteranomaly

55.6818, 0.3217, 0.3117

Tritanomaly

55.4939, 0.3276, 0.3119

Monochromacy



Original Color

55.3690, 0.3261, 0.3075

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.5599, 0.3171, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3690, 0.3261, 0.3075 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, 187, 206)` looks like.

```
.text, #text, p{  
    color:rgb(221, 187, 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(221, 187, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 187, 206) }
```

Border

The CSS property to change the border of an element to Yxy 55.3690, 0.3261, 0.3075 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, 187, 206) }
```

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

```
.border{ border-color:rgb(221, 187, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 187, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 187, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 187, 206);  
box-shadow:4px 4px 4px 4px rgb(221, 187,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3690, 0.3261, 0.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 187, 206) }
```

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

```
.background{ background-color: rgb(221,  
187, 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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