

Converting Colors

$Yxy(55.8086, 0.3045, 0.2852)$

Have a look what the booklet for
Yxy(55.8086, 0.3045, 0.2852)
contains.

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Color

Yxy(55.8086, 0.3045, 0.2852)

Conversions

Conversions Part 1

Format	Color
Hex	D6BCE3
RGB	214, 188, 227
RGB Percent	84%, 74%, 89%
CMY	0.1606, 0.2628, 0.1099
CMYK	0.06, 0.17, 0.00, 0.11
HSL	280°, 41%, 81%
HSV	280°, 17%, 89%
XYZ	59.5853, 55.8086, 80.2885
YIQ	200.2200, 2.9770, 17.6410

Conversions

Conversions Part 2

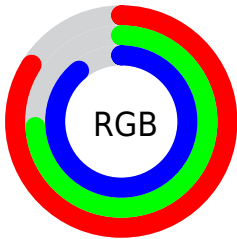
Format	Color
R_{YB}	214, 188, 227
Decimal	14073059
CIE _{Lab}	79.50, 16.27, -16.02
CIE _{LCh}	80, 22.835, 315.435
Yxy	55.8086, 0.3045, 0.2852
Android (android.graphics.Color)	4292263139 (0xFFD6BCE3)
YUV	200.2200, 13.2025, 12.0851
Hunter-Lab	74.7052, 11.6386, -11.4276

Details

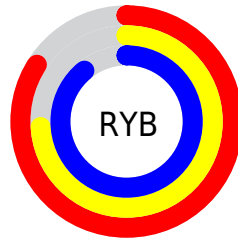
The Yxy color **55.8086, 0.3045, 0.2852** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.9657, 0.3196, 0.3742**, and the grayscale version is **57.8203, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **27.6774, 0.3015, 0.2744** is the 20% darker color. If you saturate the color by 10%, you get **45.7564, 0.2985, 0.2579**, and if you desaturate by 10%, it is **67.4431, 0.3096, 0.3113**.

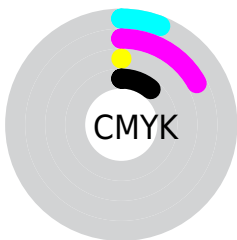
Distribution



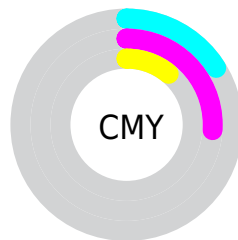
- Red (84%)
- Green (74%)
- Blue (89%)



- Red (84%)
- Yellow (74%)
- Blue (89%)



- Cyan (6%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)





- Cyan (16%)
- Magenta (26%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8086, 0.3045, 0.2852 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 55.8086, 0.3045, 0.2852 by changing the saturation by 10% instead.


 55.8086, 0.3045,
0.2852

 55.8086, 0.3045,
0.2852

408.9698, 0.3087,
0.3058

 40.0495, 0.3034,
0.2804


 98.7247, 0.3061,
0.2924

 27.5771, 0.3020,
0.2745


126.6504, 0.3066,
0.2952

 18.0071, 0.3002,
0.2670


159.4005, 0.3071,
0.2976

 10.9551, 0.2976,
0.2570

197.3593, 0.3075,
0.2996

 6.0367, 0.2938,
0.2434

240.9113, 0.3079,
0.3014

 2.8674, 0.2876,
0.2235

290.4407, 0.3082,

 1.0629, 0.2763,

0.3031

0.1922

346.3321, 0.3085,
0.3045

■ 0.0000, 0.2449,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.8086, 0.3045,
0.2852

■ 55.8086, 0.3045,
0.2852

■ 45.7564, 0.2985,
0.2579

■ 67.4431, 0.3096,
0.3113

■ 37.2075, 0.2917,
0.2301

■ 80.7198, 0.3138,
0.3357

■ 30.0868, 0.2839,
0.2026

■ 95.0078, 0.3174,
0.3572

■ 24.3099, 0.2755,
0.1767

■ 96.3295, 0.3222,
0.3568

■ 19.7829, 0.2666,
0.1536

■ 97.7064, 0.3270,
0.3564

■ 16.4000, 0.2575,
0.1345

■ 98.3249, 0.3292,
0.3562

■ 14.0369, 0.2485,
0.1200

■ 12.5307, 0.2400,
0.1105

■ 12.1849, 0.2377,
0.1083

Harmonies

Analogous

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



55.8086, 0.2775, 0.2794



55.8086, 0.3045, 0.2852



55.8086, 0.3350, 0.3013

Triad

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



55.8086, 0.3045, 0.2852



55.8086, 0.3673, 0.3707



55.8086, 0.2669, 0.3311

Complementary

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



55.8086, 0.3045, 0.2852



70.9657, 0.3196, 0.3742

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.



55.8086, 0.2893, 0.3592



55.8086, 0.3045, 0.2852



55.8086, 0.3473, 0.3821

Square

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



55.8086, 0.3045, 0.2852



55.8086, 0.3723, 0.3493



55.8086, 0.3186, 0.3783



55.8086, 0.2566, 0.3041

Rectangle

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



55.8086, 0.3045, 0.2852



55.8086, 0.3530, 0.3161



55.8086, 0.3186, 0.3783



55.8086, 0.2732, 0.3408

Sweetspot

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



55.8110, 0.3045, 0.2852



91.3393, 0.3106, 0.3167



58.0040, 0.2854, 0.2983



19.2993, 0.3102, 0.3149



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.



55.8110, 0.3045, 0.2852



67.2465, 0.3022, 0.2745



57.4845, 0.3196, 0.2933



14.3630, 0.3085, 0.3055



7.1739, 0.2389, 0.1090



0.5803, 0.2510, 0.1157

Inverse Universe

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



56.5057, 0.3350, 0.3145



68.3698, 0.3414, 0.3110



69.5344, 0.3065, 0.3675



14.4465, 0.3240, 0.3212



9.8426, 0.5640, 0.2880



0.7441, 0.5228, 0.2654

Previews

White Background



This preview shows how the Yxy color 55.8086, 0.3045, 0.2852 looks on a white background.

Color Contrast Check

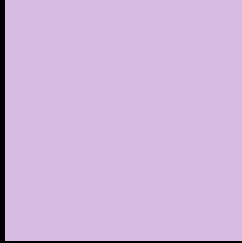
Large Text (above 18pt) WCAG AA × Fail

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 55.8086, 0.3045, 0.2852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

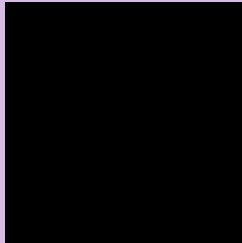
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8086, 0.3045, 0.2852

Background



This preview shows how black text looks on a background with the Yxy color 55.8086, 0.3045, 0.2852.



This preview shows how white text looks on a background with the Yxy color 55.8086, 0.3045, 0.2852.

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

55.8086, 0.3045, 0.2852

Protanopia

55.8036, 0.2832, 0.2857

Deuteranopia

55.7468, 0.2959, 0.2898



Tritanopia

56.0532, 0.3168, 0.3116

Trichromacy



Original Color

55.8086, 0.3045, 0.2852

Protanomaly

55.5546, 0.2909, 0.2851

Deuteranomaly

55.8744, 0.2990, 0.2889

Tritanomaly

56.1137, 0.3124, 0.3026

Monochromacy



Original Color

55.8086, 0.3045, 0.2852

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.1121, 0.3096, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8086, 0.3045, 0.2852 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(214, 188, 227)` looks like.

```
.text, #text, p{  
    color:rgb(214, 188, 227)  
}
```

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(214, 188, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 188, 227) }
```

Border

The CSS property to change the border of an element to Yxy 55.8086, 0.3045, 0.2852 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(214, 188, 227) }
```

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

```
.border{ border-color:rgb(214, 188, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 188, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 188, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 188, 227);  
box-shadow:4px 4px 4px 4px rgb(214, 188,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8086, 0.3045, 0.2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 188, 227) }
```

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

```
.background{ background-color: rgb(214,  
188, 227) }
```

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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