

Converting Colors

$Y_{xy}(55.2120, 0.3191, 0.2818)$

Have a look what the booklet for
Yxy(55.2120, 0.3191, 0.2818)
contains.

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Color

Yxy(55.2526, 0.3199, 0.2823)

Conversions

Conversions Part 1

Format	Color
Hex	E6B5E0
RGB	230, 181, 224
RGB Percent	90%, 71%, 88%
CMY	0.0980, 0.2902, 0.1217
CMYK	0.00, 0.21, 0.03, 0.10
HSL	307°, 50%, 81%
HSV	307°, 21%, 90%
XYZ	62.6118, 55.2526, 77.8586
YIQ	200.5530, 15.4010, 23.7610

Conversions

Conversions Part 2

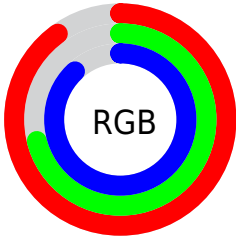
Format	Color
R _Y B	230, 181, 224
Decimal	15119840
CIE Lab	79.19, 24.77, -14.73
CIE LCh	79, 28.816, 329.256
Yxy	55.2526, 0.3199, 0.2823
Android (android.graphics.Color)	4293309920 (0xFFE6B5E0)
YUV	200.5530, 11.5594, 25.8250
Hunter-Lab	74.3321, 20.2739, -10.0704

Details

The Yxy color **55.2526, 0.3199, 0.2823** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.0192, 0.3063, 0.3806**, and the grayscale version is **58.0393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **27.3016, 0.3210, 0.2710** is the 20% darker color. If you saturate the color by 10%, you get **46.5072, 0.3239, 0.2600**, and if you desaturate by 10%, it is **65.5496, 0.3163, 0.3046**.

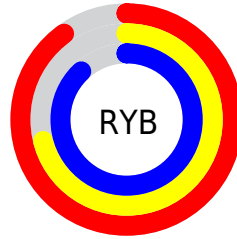
Distribution



Red (90%)

Green (71%)

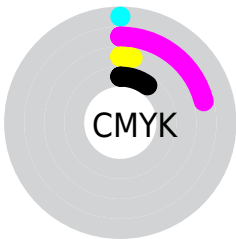
Blue (88%)



Red (90%)

Yellow (71%)

Blue (88%)

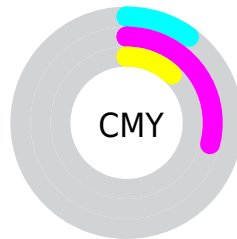


Cyan (0%)

Magenta (21%)

Yellow (3%)

Black (10%)



Cyan (10%)


Magenta (29%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2526, 0.3199, 0.2823 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 55.2526, 0.3199, 0.2823 by changing the saturation by 10% instead.

 55.2526, 0.3199,
0.2823

 55.2526, 0.3199,
0.2823

406.8687, 0.3168,
0.3041

 39.6040, 0.3206,
0.2773

 97.9110, 0.3189,
0.2899

 27.2299, 0.3213,
0.2711


125.6895, 0.3185,
0.2928

 17.7460, 0.3223,
0.2631


158.2801, 0.3181,
0.2954

 10.7678, 0.3234,
0.2528

196.0673, 0.3178,
0.2976

 5.9109, 0.3247,
0.2386

239.4353, 0.3175,
0.2995

 2.7910, 0.3262,
0.2180

288.7686, 0.3172,

 1.0236, 0.3275,

0.3012

0.1860

344.4517, 0.3170,
0.3027

0.0000, 0.3577,
0.0000

0.0000, 0.0000,
0.0000

55.2526, 0.3199,
0.2823

55.2526, 0.3199,
0.2823

46.5072, 0.3239,
0.2600

65.5496, 0.3163,
0.3046

39.2305, 0.3283,
0.2385

77.4616, 0.3131,
0.3262

33.3427, 0.3329,
0.2187

91.0571, 0.3103,
0.3469

28.7537, 0.3378,
0.2016

94.3636, 0.3085,
0.3489

■ 25.3626, 0.3426,
0.1881

■ 94.5296, 0.3069,
0.3460

■ 23.0539, 0.3473,
0.1789

■ 94.6981, 0.3053,
0.3431

■ 21.6890, 0.3517,
0.1742

■ 94.8693, 0.3037,
0.3402

■ 21.0714, 0.3553,
0.1731

■ 95.0432, 0.3021,
0.3373

■ 95.2198, 0.3006,
0.3344

Harmonies

Analogous

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



55.2526, 0.2826, 0.2687



55.2526, 0.3199, 0.2823



55.2526, 0.3572, 0.3066

Triad

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



55.2526, 0.3199, 0.2823



55.2526, 0.3718, 0.3901



55.2526, 0.2472, 0.3145

Complementary

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



55.2526, 0.3199, 0.2823



70.0192, 0.3063, 0.3806

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.



55.2526, 0.2685, 0.3515



55.2526, 0.3199, 0.2823



55.2526, 0.3400, 0.3973

Square

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



55.2526, 0.3199, 0.2823



55.2526, 0.3880, 0.3672



55.2526, 0.3022, 0.3832



55.2526, 0.2425, 0.2848

Rectangle

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



55.2526, 0.3199, 0.2823



55.2526, 0.3762, 0.3265



55.2526, 0.3022, 0.3832



55.2526, 0.2526, 0.3265

Sweetspot

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



55.2550, 0.3199, 0.2823



90.5025, 0.3146, 0.3161



49.2930, 0.2812, 0.2705



19.1599, 0.3148, 0.3147



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.



55.2550, 0.3199, 0.2823



64.2298, 0.3218, 0.2715



54.0357, 0.3396, 0.3081



14.5830, 0.3157, 0.3087



11.9396, 0.3547, 0.1727



0.8910, 0.3491, 0.1697

Inverse Universe

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



55.2550, 0.3199, 0.2823



64.2298, 0.3218, 0.2715



71.1434, 0.2918, 0.3510



14.5830, 0.3157, 0.3087



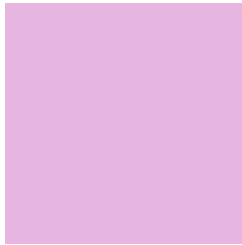
11.9396, 0.3547, 0.1727



0.8910, 0.3491, 0.1697

Previews

White Background



This preview shows how the Yxy color 55.2526, 0.3199, 0.2823 looks on a white background.

Color Contrast Check

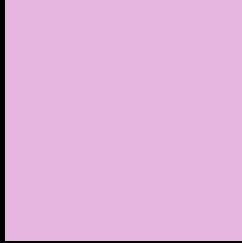
Large Text (above 18pt) WCAG AA × Fail

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 55.2526, 0.3199, 0.2823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

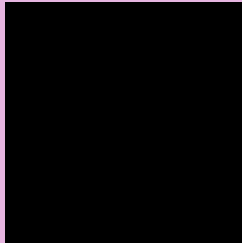
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2526, 0.3199, 0.2823

Background



This preview shows how black text looks on a background with the Yxy color 55.2526, 0.3199, 0.2823.



This preview shows how white text looks on a background with the Yxy color 55.2526, 0.3199, 0.2823.

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

55.2526, 0.3199, 0.2823

Protanopia

55.7322, 0.2819, 0.2845

Deuteranopia

55.2320, 0.2995, 0.2931



Tritanopia

55.1989, 0.3362, 0.3122

Trichromacy



Original Color

55.2526, 0.3199, 0.2823

Protanomaly

55.3775, 0.2946, 0.2833

Deuteranomaly

55.0145, 0.3066, 0.2882

Tritanomaly

55.3784, 0.3299, 0.3012

Monochromacy



Original Color

55.2526, 0.3199, 0.2823

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.1841, 0.3159, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2526, 0.3199, 0.2823 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(230, 181, 224)` looks like.

```
.text, #text, p{  
    color:rgb(230, 181, 224)  
}
```

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(230, 181, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 181, 224) }
```

Border

The CSS property to change the border of an element to Yxy 55.2526, 0.3199, 0.2823 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(230, 181, 224) }
```

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

```
.border{ border-color:rgb(230, 181, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 181, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 181, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 181, 224);  
box-shadow:4px 4px 4px 4px rgb(230, 181,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2526, 0.3199, 0.2823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 181, 224) }
```

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

```
.background{ background-color: rgb(230,  
181, 224) }
```

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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