

Converting Colors

Yxy(55.3063, 0.3247, 0.2813)

Have a look what the booklet for
Yxy(55.3063, 0.3247, 0.2813)
contains.

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Color

Yxy(55.2301, 0.3249, 0.2817)

Conversions

Conversions Part 1

Format	Color
Hex	EBB3DF
RGB	235, 179, 223
RGB Percent	92%, 70%, 87%
CMY	0.0785, 0.2980, 0.1254
CMYK	0.00, 0.24, 0.05, 0.08
HSL	313°, 58%, 81%
HSV	313°, 24%, 92%
XYZ	63.6999, 55.2301, 77.1300
YIQ	200.7600, 19.2520, 25.5560

Conversions

Conversions Part 2

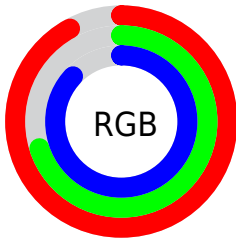
Format	Color
R _Y B	235, 179, 223
Decimal	15447007
CIE Lab	79.17, 27.33, -14.19
CIE LCh	79, 30.794, 332.553
Yxy	55.2301, 0.3249, 0.2817
Android (android.graphics.Color)	4293637087 (0xFFEBB3DF)
YUV	200.7600, 10.9643, 30.0285
Hunter-Lab	74.3170, 22.9445, -9.5124

Details

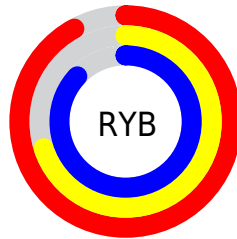
The Yxy color $55.2301, 0.3249, 0.2817$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $72.7561, 0.3025, 0.3815$, and the grayscale version is $58.1759, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.8967, 0.3136, 0.3097$, and $27.3326, 0.3278, 0.2705$ is the 20% darker color. If you saturate the color by 10%, you get $46.3346, 0.3313, 0.2614$, and if you desaturate by 10%, it is $65.7436, 0.3193, 0.3020$.

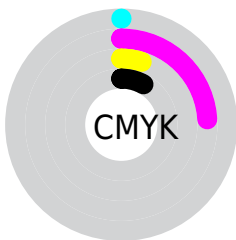
Distribution



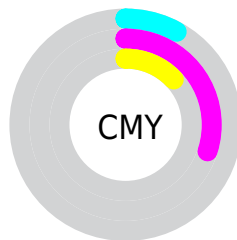
- Red (92%)
- Green (70%)
- Blue (87%)



- Red (92%)
- Yellow (70%)
- Blue (87%)



- Cyan (0%)
- Magenta (24%)
- Yellow (5%)
- Black (8%)





- Cyan (8%)
- Magenta (30%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2301, 0.3249, 0.2817 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 55.2301, 0.3249, 0.2817 by changing the saturation by 10% instead.


 55.2301, 0.3249,
0.2817

 55.2301, 0.3249,
0.2817


406.7836, 0.3194,
0.3038

 39.5860, 0.3261,
0.2766


 97.8780, 0.3230,
0.2894

 27.2159, 0.3276,
0.2703


125.6506, 0.3223,
0.2924

 17.7354, 0.3295,
0.2624


158.2348, 0.3216,
0.2949

 10.7602, 0.3318,
0.2519

196.0149, 0.3211,
0.2972

 5.9058, 0.3349,
0.2376

239.3755, 0.3206,
0.2991

 2.7879, 0.3391,
0.2170

288.7009, 0.3201,

 1.0220, 0.3447,

0.3008

0.1849

344.3754, 0.3198,
0.3024

0.0000, 0.3939,
0.0000

0.0000, 0.0000,
0.0000

55.2301, 0.3249,
0.2817

55.2301, 0.3249,
0.2817

46.3346, 0.3313,
0.2614

65.7436, 0.3193,
0.3020

38.9684, 0.3385,
0.2419

77.9433, 0.3144,
0.3217

33.0452, 0.3463,
0.2241

91.9026, 0.3102,
0.3405

28.4676, 0.3546,
0.2091

95.6586, 0.3072,
0.3408

■ 25.1257, 0.3631,
0.1978

■ 95.9665, 0.3043,
0.3358

■ 22.8925, 0.3716,
0.1909

■ 96.2828, 0.3015,
0.3308

■ 21.6132, 0.3799,
0.1888

■ 96.4005, 0.3005,
0.3290

■ 21.1529, 0.3848,
0.1893

Harmonies

Analogous

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



55.2301, 0.2845, 0.2658



55.2301, 0.3249, 0.2817



55.2301, 0.3641, 0.3084

Triad

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



55.2301, 0.3249, 0.2817



55.2301, 0.3727, 0.3960



55.2301, 0.2415, 0.3092

Complementary

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



55.2301, 0.3249, 0.2817



72.7561, 0.3025, 0.3815

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.



55.2301, 0.2622, 0.3486



55.2301, 0.3249, 0.2817



55.2301, 0.3374, 0.4017

Square

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



55.2301, 0.3249, 0.2817



55.2301, 0.3923, 0.3727



55.2301, 0.2969, 0.3842



55.2301, 0.2386, 0.2790

Rectangle

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



55.2301, 0.3249, 0.2817



55.2301, 0.3832, 0.3298



55.2301, 0.2969, 0.3842



55.2301, 0.2466, 0.3218

Sweetspot

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



55.2325, 0.3249, 0.2817



88.8919, 0.3159, 0.3155



49.2142, 0.2803, 0.2633



18.8320, 0.3162, 0.3143



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.



55.2325, 0.3249, 0.2817



60.5714, 0.3282, 0.2709



53.8802, 0.3476, 0.3105



15.2554, 0.3171, 0.3107



11.7932, 0.3836, 0.1887



0.9398, 0.3732, 0.1829

Inverse Universe

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



55.2325, 0.3249, 0.2817



60.5714, 0.3282, 0.2709



74.0678, 0.2868, 0.3484



15.2554, 0.3171, 0.3107



11.7932, 0.3836, 0.1887



0.9398, 0.3732, 0.1829

Previews

White Background



This preview shows how the Yxy color 55.2301, 0.3249, 0.2817 looks on a white background.

Color Contrast Check

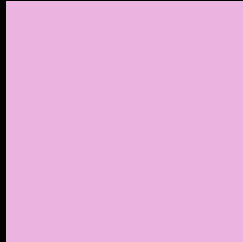
Large Text (above 18pt) WCAG AA × Fail

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 55.2301, 0.3249, 0.2817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

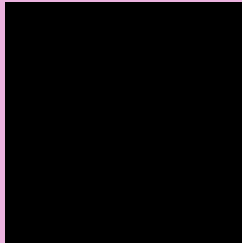
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2301, 0.3249, 0.2817

Background



This preview shows how black text looks on a background with the Yxy color 55.2301, 0.3249, 0.2817.



This preview shows how white text looks on a background with the Yxy color 55.2301, 0.3249, 0.2817.

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

55.2301, 0.3249, 0.2817

Protanopia

55.6048, 0.2811, 0.2844

Deuteranopia

55.3194, 0.3010, 0.2942



Tritanopia

55.1000, 0.3425, 0.3124

Trichromacy



Original Color

55.2301, 0.3249, 0.2817

Protanomaly

55.0315, 0.2961, 0.2833

Deuteranomaly

55.2616, 0.3089, 0.2895

Tritanomaly

55.2845, 0.3360, 0.3015

Monochromacy



Original Color

55.2301, 0.3249, 0.2817

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

56.8895, 0.3168, 0.3106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2301, 0.3249, 0.2817 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(235, 179, 223)` looks like.

```
.text, #text, p{  
    color:rgb(235, 179, 223)  
}
```

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(235, 179, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 179, 223) }
```

Border

The CSS property to change the border of an element to Yxy 55.2301, 0.3249, 0.2817 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(235, 179, 223) }
```

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

```
.border{ border-color:rgb(235, 179, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 179, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 179, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 179, 223);  
box-shadow:4px 4px 4px 4px rgb(235, 179,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2301, 0.3249, 0.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 179, 223) }
```

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

```
.background{ background-color: rgb(235,  
179, 223) }
```

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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