

Converting Colors

Yxy(55.7166, 0.3032, 0.2671)

Have a look what the booklet for
Yxy(55.7166, 0.3032, 0.2671)
contains.

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Color

Yxy(55.5945, 0.3029, 0.2665)

Conversions

Conversions Part 1

Format	Color
Hex	E0B6F0
RGB	224, 182, 240
RGB Percent	88%, 71%, 94%
CMY	0.1217, 0.2862, 0.0589
CMYK	0.07, 0.24, 0.00, 0.06
HSL	283°, 66%, 83%
HSV	283°, 24%, 94%
XYZ	63.1879, 55.5945, 89.8274
YIQ	201.1700, 6.4140, 26.9420

Conversions

Conversions Part 2

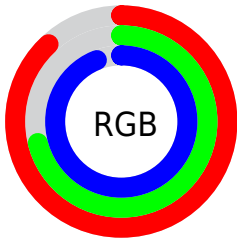
Format	Color
R _Y B	224, 182, 240
Decimal	14726896
CIE Lab	79.38, 25.25, -23.12
CIE LCh	79, 34.241, 317.519
Yxy	55.5945, 0.3029, 0.2665
Android (android.graphics.Color)	4292916976 (0xFFE0B6F0)
YUV	201.1700, 19.1432, 20.0219
Hunter-Lab	74.5617, 20.7882, -19.2357

Details

The Yxy color **55.5945, 0.3029, 0.2665** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.7010, 0.3200, 0.3953**, and the grayscale version is **58.3956, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **27.4860, 0.2994, 0.2520** is the 20% darker color. If you saturate the color by 10%, you get **45.5552, 0.2976, 0.2392**, and if you desaturate by 10%, it is **67.3643, 0.3075, 0.2933**.

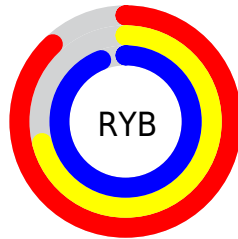
Distribution



Red (88%)

Green (71%)

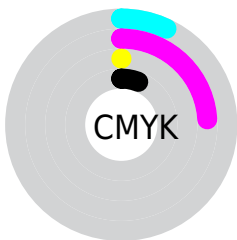
Blue (94%)



Red (88%)

Yellow (71%)

Blue (94%)

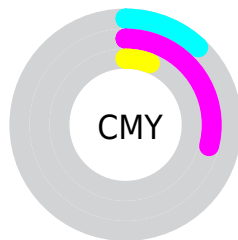


Cyan (7%)

Magenta (24%)

Yellow (0%)

Black (6%)



Cyan (12%)


Magenta (29%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5945, 0.3029, 0.2665 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 55.5945, 0.3029, 0.2665 by changing the saturation by 10% instead.


 55.5945, 0.3029,
0.2665

 55.5945, 0.3029,
0.2665


408.1615, 0.3082,
0.2953

 39.8779, 0.3015,
0.2600


 98.4114, 0.3049,
0.2765

 27.4434, 0.2997,
0.2519


126.2806, 0.3056,
0.2803

 17.9065, 0.2973,
0.2418


158.9694, 0.3062,
0.2837

 10.8829, 0.2939,
0.2287

196.8622, 0.3067,
0.2866

 5.9881, 0.2889,
0.2112

240.3434, 0.3071,
0.2892

 2.8379, 0.2808,
0.1865

289.7974, 0.3075,

 1.0477, 0.2661,

0.2915

0.1502

345.6087, 0.3079,
0.2935

0.0000, 0.2488,
0.0000

0.0000, 0.0000,
0.0000

55.5945, 0.3029,
0.2665

55.5945, 0.3029,
0.2665

45.5552, 0.2976,
0.2392

67.3643, 0.3075,
0.2933

37.1528, 0.2915,
0.2122

80.9377, 0.3113,
0.3188

30.2960, 0.2847,
0.1866

96.3921, 0.3145,
0.3428

24.8811, 0.2775,
0.1636

98.2257, 0.3186,
0.3436

■ 20.7915, 0.2699,
0.1443

■ 99.0705, 0.3215,
0.3434

■ 17.8922, 0.2624,
0.1296

■ 16.0182, 0.2550,
0.1196

■ 15.2528, 0.2509,
0.1156

Harmonies

Analogous

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



55.5945, 0.2626, 0.2565



55.5945, 0.3029, 0.2665



55.5945, 0.3489, 0.2903

Triad

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



55.5945, 0.3029, 0.2665



55.5945, 0.3927, 0.3916



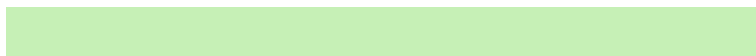
55.5945, 0.2433, 0.3281

Complementary

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



55.5945, 0.3029, 0.2665



77.7010, 0.3200, 0.3953

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.



55.5945, 0.2744, 0.3724



55.5945, 0.3029, 0.2665



55.5945, 0.3608, 0.4096

Square

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



55.5945, 0.3029, 0.2665



55.5945, 0.4028, 0.3597



55.5945, 0.3173, 0.4037



55.5945, 0.2302, 0.2882

Rectangle

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



55.5945, 0.3029, 0.2665



55.5945, 0.3759, 0.3117



55.5945, 0.3173, 0.4037



55.5945, 0.2518, 0.3431

Sweetspot

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



55.5969, 0.3029, 0.2665



88.2119, 0.3103, 0.3117



56.8289, 0.2730, 0.2805



18.6741, 0.3101, 0.3101



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.



55.5969, 0.3029, 0.2665



57.8770, 0.3004, 0.2530



57.5563, 0.3252, 0.2811



15.7991, 0.3094, 0.3054



8.4203, 0.2520, 0.1162



0.7498, 0.2614, 0.1213

Inverse Universe

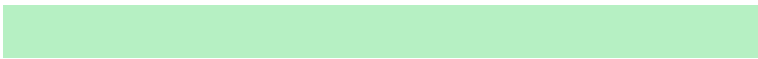
The Inverse Universe completely reimagines the original color for something new.



56.0654, 0.3495, 0.3117



58.5678, 0.3595, 0.3079



76.1809, 0.3023, 0.3822



15.8306, 0.3250, 0.3225



10.3776, 0.5844, 0.2993



0.8796, 0.5471, 0.2787

Previews

White Background



This preview shows how the Yxy color 55.5945, 0.3029, 0.2665 looks on a white background.

Color Contrast Check

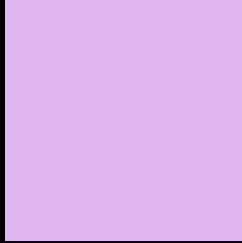
Large Text (above 18pt) WCAG AA × Fail

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 55.5945, 0.3029, 0.2665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

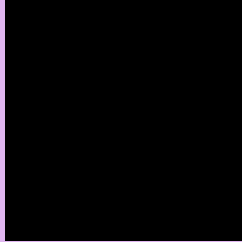
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5945, 0.3029, 0.2665

Background



This preview shows how black text looks on a background with the Yxy color 55.5945, 0.3029, 0.2665.

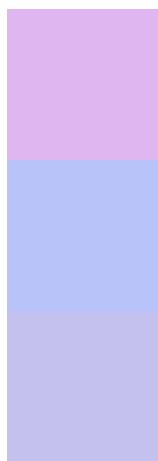


This preview shows how white text looks on a background with the Yxy color 55.5945, 0.3029, 0.2665.

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

55.5945, 0.3029, 0.2665

Protanopia

55.9370, 0.2679, 0.2670

Deuteranopia

56.0487, 0.2835, 0.2775



Tritanopia

55.6124, 0.3258, 0.3130

Trichromacy



Original Color

55.5945, 0.3029, 0.2665

Protanomaly

55.4865, 0.2796, 0.2659

Deuteranomaly

55.7490, 0.2900, 0.2729

Tritanomaly

55.2913, 0.3176, 0.2953

Monochromacy



Original Color

55.5945, 0.3029, 0.2665

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.0452, 0.3091, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5945, 0.3029, 0.2665 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(224, 182, 240)` looks like.

```
.text, #text, p{  
    color:rgb(224, 182, 240)  
}
```

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(224, 182, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 182, 240) }
```

Border

The CSS property to change the border of an element to Yxy 55.5945, 0.3029, 0.2665 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(224, 182, 240) }
```

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

```
.border{ border-color:rgb(224, 182, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 182, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 182, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 182, 240); box-shadow:4px 4px 4px 4px rgb(224, 182, 240) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5945, 0.3029, 0.2665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 182, 240) }
```

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

```
.background{ background-color: rgb(224,  
182, 240) }
```

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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