

Converting Colors

Yxy(55.8241, 0.3087, 0.2654)

Have a look what the booklet for
Yxy(55.8241, 0.3087, 0.2654)
contains.

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Color

Yxy(55.9227, 0.3085, 0.2654)

Conversions

Conversions Part 1

Format	Color
Hex	E7B4F0
RGB	231, 180, 240
RGB Percent	91%, 71%, 94%
CMY	0.0941, 0.2941, 0.0589
CMYK	0.04, 0.25, 0.00, 0.06
HSL	291°, 67%, 82%
HSV	291°, 25%, 94%
XYZ	65.0043, 55.9227, 89.7840
YIQ	202.0890, 11.1360, 29.4720

Conversions

Conversions Part 2

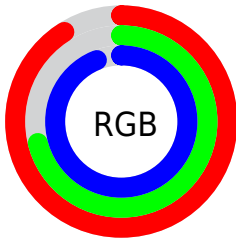
Format	Color
R _Y B	231, 180, 240
Decimal	15185136
CIE Lab	79.57, 28.59, -22.77
CIE LCh	80, 36.548, 321.461
Yxy	55.9227, 0.3085, 0.2654
Android (android.graphics.Color)	4293375216 (0xFFE7B4F0)
YUV	202.0890, 18.6901, 25.3549
Hunter-Lab	74.7815, 24.2948, -18.8376

Details

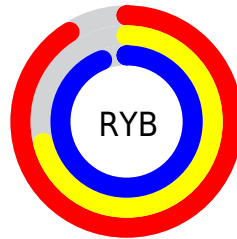
The Yxy color **55.9227, 0.3085, 0.2654** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.4133, 0.3152, 0.3990**, and the grayscale version is **58.9988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4709, 0.3136, 0.3107**, and **27.7534, 0.3067, 0.2510** is the 20% darker color. If you saturate the color by 10%, you get **46.4698, 0.3061, 0.2393**, and if you desaturate by 10%, it is **67.0699, 0.3105, 0.2915**.

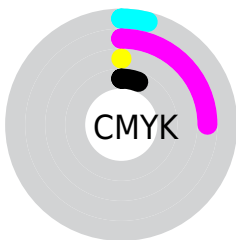
Distribution



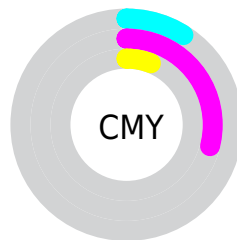
- Red (91%)
- Green (71%)
- Blue (94%)



- Red (91%)
- Yellow (71%)
- Blue (94%)



- Cyan (4%)
- Magenta (25%)
- Yellow (0%)
- Black (6%)




- Cyan (9%)
- Magenta (29%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9227, 0.3085, 0.2654 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 55.9227, 0.3085, 0.2654 by changing the saturation by 10% instead.


 55.9227, 0.3085,
0.2654

 55.9227, 0.3085,
0.2654


409.4001, 0.3111,
0.2946

 40.1410, 0.3077,
0.2588


 98.8915, 0.3095,
0.2755

 27.6485, 0.3067,
0.2507


126.8474, 0.3099,
0.2794

 18.0608, 0.3053,
0.2405


159.6302, 0.3102,
0.2828

 10.9937, 0.3031,
0.2274

197.6241, 0.3105,
0.2858

 6.0626, 0.2998,
0.2099

241.2137, 0.3107,
0.2884

 2.8832, 0.2942,
0.1853

290.7833, 0.3108,

 1.0710, 0.2835,

0.2907

0.1493

346.7173, 0.3110,
0.2928

0.0000, 0.2819,
0.0000

0.0000, 0.0000,
0.0000

55.9227, 0.3085,
0.2654

55.9227, 0.3085,
0.2654

46.4698, 0.3061,
0.2393

67.0699, 0.3105,
0.2915

38.6175, 0.3033,
0.2142

79.9844, 0.3121,
0.3168

32.2739, 0.3000,
0.1910

94.7438, 0.3133,
0.3409

27.3350, 0.2964,
0.1709

97.2856, 0.3154,
0.3437

■ 23.6834, 0.2926,
0.1547

■ 97.9378, 0.3176,
0.3436

■ 21.1824, 0.2887,
0.1429

■ 98.6025, 0.3199,
0.3435

■ 19.6643, 0.2848,
0.1356

■ 99.0696, 0.3215,
0.3435

■ 19.1454, 0.2828,
0.1332

Harmonies

Analogous

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



55.9227, 0.2643, 0.2527



55.9227, 0.3085, 0.2654



55.9227, 0.3573, 0.2921

Triad

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



55.9227, 0.3085, 0.2654



55.9227, 0.3944, 0.3990



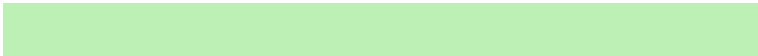
55.9227, 0.2360, 0.3216

Complementary

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



55.9227, 0.3085, 0.2654



76.4133, 0.3152, 0.3990

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.



55.9227, 0.2666, 0.3695



55.9227, 0.3085, 0.2654



55.9227, 0.3580, 0.4158

Square

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



55.9227, 0.3085, 0.2654



55.9227, 0.4089, 0.3661



55.9227, 0.3110, 0.4060



55.9227, 0.2251, 0.2808

Rectangle

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



55.9227, 0.3085, 0.2654



55.9227, 0.3848, 0.3153



55.9227, 0.3110, 0.4060



55.9227, 0.2442, 0.3375

Sweetspot

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



55.9251, 0.3085, 0.2654



88.6331, 0.3118, 0.3117



52.3881, 0.2707, 0.2688



18.7718, 0.3117, 0.3102



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.



55.9251, 0.3085, 0.2654



58.4171, 0.3073, 0.2520



56.2780, 0.3322, 0.2875



15.9048, 0.3114, 0.3056



10.5295, 0.2834, 0.1335



0.9081, 0.2887, 0.1364

Inverse Universe

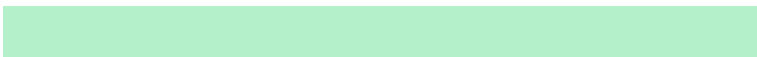
The Inverse Universe completely reimagines the original color for something new.



54.8368, 0.3577, 0.3193



57.0146, 0.3703, 0.3172



76.2245, 0.2974, 0.3745



15.7973, 0.3270, 0.3255



10.2221, 0.6194, 0.3186



0.8620, 0.5877, 0.3011

Previews

White Background



This preview shows how the Yxy color 55.9227, 0.3085, 0.2654 looks on a white background.

Color Contrast Check

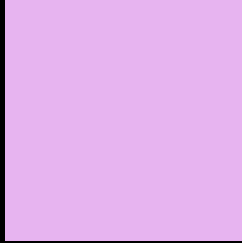
Large Text (above 18pt) WCAG AA × Fail

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 55.9227, 0.3085, 0.2654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

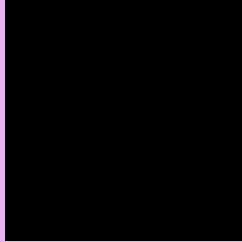
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9227, 0.3085, 0.2654

Background



This preview shows how black text looks on a background with the Yxy color 55.9227, 0.3085, 0.2654.



This preview shows how white text looks on a background with the Yxy color 55.9227, 0.3085, 0.2654.

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

55.9227, 0.3085, 0.2654

Protanopia

56.1856, 0.2674, 0.2650

Deuteranopia

56.1247, 0.2849, 0.2786



Tritanopia

55.8125, 0.3327, 0.3121

Trichromacy



Original Color

55.9227, 0.3085, 0.2654



Protanomaly

55.9598, 0.2811, 0.2653



Deuteranomaly

55.6948, 0.2928, 0.2732



Tritanomaly

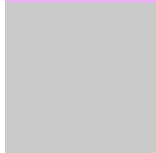
55.5697, 0.3235, 0.2936

Monochromacy



Original Color

55.9227, 0.3085, 0.2654



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.6876, 0.3115, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9227, 0.3085, 0.2654 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(231, 180, 240)` looks like.

```
.text, #text, p{  
    color:rgb(231, 180, 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(231, 180, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 180, 240) }
```

Border

The CSS property to change the border of an element to Yxy 55.9227, 0.3085, 0.2654 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(231, 180, 240) }
```

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

```
.border{ border-color:rgb(231, 180, 240) }
```

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

Here you see how a box with a 4 pixel rgb(231, 180, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 180, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 180, 240);  
box-shadow:4px 4px 4px 4px rgb(231, 180,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9227, 0.3085, 0.2654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 180, 240) }
```

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

```
.background{ background-color: rgb(231,  
180, 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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