

Converting Colors

$Yxy(55.0533, 0.3129, 0.2737)$

Have a look what the booklet for
Yxy(55.0533, 0.3129, 0.2737)
contains.

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Color

Yxy(54.9060, 0.3129, 0.2738)

Conversions

Conversions Part 1

Format	Color
Hex	E4B4E7
RGB	228, 180, 231
RGB Percent	89%, 71%, 91%
CMY	0.1057, 0.2941, 0.0942
CMYK	0.01, 0.22, 0.00, 0.09
HSL	297°, 51%, 81%
HSV	297°, 22%, 91%
XYZ	62.7468, 54.9060, 82.8804
YIQ	200.1660, 12.2370, 26.0370

Conversions

Conversions Part 2

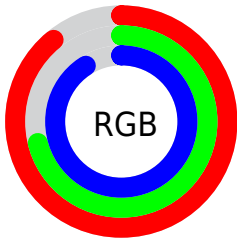
Format	Color
R _Y B	228, 180, 231
Decimal	14988519
CIE Lab	78.99, 25.94, -18.84
CIE LCh	79, 32.059, 324.008
Yxy	54.9060, 0.3129, 0.2738
Android (android.graphics.Color)	4293178599 (0xFFE4B4E7)
YUV	200.1660, 15.2012, 24.4104
Hunter-Lab	74.0986, 21.4817, -14.4478

Details

The Yxy color **54.9060, 0.3129, 0.2738** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.4984, 0.3118, 0.3903**, and the grayscale version is **57.7680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4709, 0.3136, 0.3107**, and **27.0445, 0.3126, 0.2614** is the 20% darker color. If you saturate the color by 10%, you get **46.1294, 0.3127, 0.2485**, and if you desaturate by 10%, it is **65.2430, 0.3129, 0.2992**.

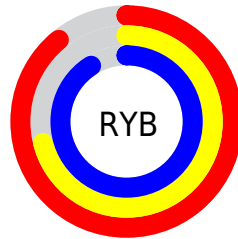
Distribution



Red (89%)

Green (71%)

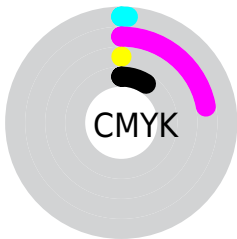
Blue (91%)



Red (89%)

Yellow (71%)

Blue (91%)

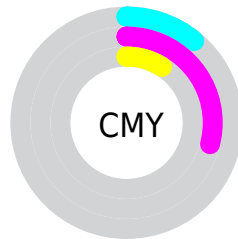


Cyan (1%)

Magenta (22%)

Yellow (0%)

Black (9%)



Cyan (11%)


Magenta (29%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9060, 0.3129, 0.2738 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 54.9060, 0.3129, 0.2738 by changing the saturation by 10% instead.


 54.9060, 0.3129,
0.2738

 54.9060, 0.3129,
0.2738


405.5555, 0.3133,
0.2994

 39.3265, 0.3127,
0.2679


 97.4032, 0.3131,
0.2827

 27.0138, 0.3124,
0.2607


125.0897, 0.3132,
0.2862

 17.5836, 0.3119,
0.2516

157.5806, 0.3132,
0.2891

 10.6514, 0.3110,
0.2396

195.2603, 0.3133,
0.2917

 5.8330, 0.3095,
0.2234

238.5133, 0.3133,
0.2940

 2.7438, 0.3066,
0.2004

287.7239, 0.3133,

 0.9995, 0.3002,

0.2960

0.1653

343.2765, 0.3133,
0.2978

0.0000, 0.3026,
0.0000

0.0000, 0.0000,
0.0000

54.9060, 0.3129,
0.2738

54.9060, 0.3129,
0.2738

46.1294, 0.3127,
0.2485

65.2430, 0.3129,
0.2992

38.8292, 0.3124,
0.2243

77.2049, 0.3128,
0.3240

32.9242, 0.3118,
0.2020

90.8612, 0.3125,
0.3476

28.3226, 0.3110,
0.1827

94.6760, 0.3131,
0.3532

■ 24.9215, 0.3099,
0.1671

■ 94.9020, 0.3139,
0.3532

■ 22.6027, 0.3087,
0.1559

■ 95.1297, 0.3147,
0.3531

■ 21.2239, 0.3074,
0.1491

■ 95.3591, 0.3156,
0.3531

■ 20.6182, 0.3063,
0.1461

■ 95.5902, 0.3164,
0.3530

■ 95.8231, 0.3172,
0.3529

Harmonies

Analogous

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



54.9060, 0.2728, 0.2612



54.9060, 0.3129, 0.2738



54.9060, 0.3556, 0.2988

Triad

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



54.9060, 0.3129, 0.2738



54.9060, 0.3831, 0.3933



54.9060, 0.2430, 0.3194

Complementary

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



54.9060, 0.3129, 0.2738



70.4984, 0.3118, 0.3903

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.



54.9060, 0.2692, 0.3612



54.9060, 0.3129, 0.2738



54.9060, 0.3498, 0.4056

Square

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



54.9060, 0.3129, 0.2738



54.9060, 0.3975, 0.3654



54.9060, 0.3080, 0.3944



54.9060, 0.2346, 0.2843

Rectangle

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



54.9060, 0.3129, 0.2738



54.9060, 0.3788, 0.3200



54.9060, 0.3080, 0.3944



54.9060, 0.2499, 0.3332

Sweetspot

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



54.9084, 0.3129, 0.2738



88.9402, 0.3128, 0.3118



49.4999, 0.2758, 0.2716



18.8431, 0.3129, 0.3103



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.



54.9084, 0.3129, 0.2738



64.0268, 0.3129, 0.2635



54.2238, 0.3330, 0.2971



14.5706, 0.3129, 0.3058



11.5796, 0.3065, 0.1462



0.8687, 0.3087, 0.1474

Inverse Universe

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



53.0423, 0.3551, 0.3258



61.3556, 0.3654, 0.3252



71.1145, 0.2966, 0.3632



14.3814, 0.3283, 0.3277



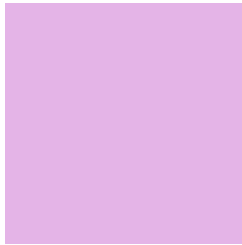
9.5468, 0.6338, 0.3265



0.7103, 0.6165, 0.3170

Previews

White Background



This preview shows how the Yxy color 54.9060, 0.3129, 0.2738 looks on a white background.

Color Contrast Check

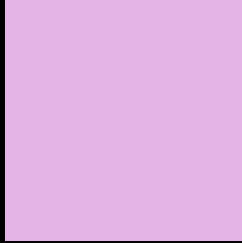
Large Text (above 18pt) WCAG AA × Fail

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 54.9060, 0.3129, 0.2738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

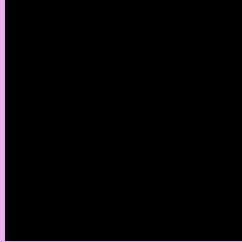
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9060, 0.3129, 0.2738

Background



This preview shows how black text looks on a background with the Yxy color 54.9060, 0.3129, 0.2738.



This preview shows how white text looks on a background with the Yxy color 54.9060, 0.3129, 0.2738.

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

54.9060, 0.3129, 0.2738

Protanopia

55.1891, 0.2746, 0.2754

Deuteranopia

55.0609, 0.2916, 0.2850



Tritanopia

55.1352, 0.3336, 0.3132

Trichromacy



Original Color

54.9060, 0.3129, 0.2738

Protanomaly

54.9271, 0.2876, 0.2744

Deuteranomaly

54.9555, 0.2992, 0.2804

Tritanomaly

54.9917, 0.3258, 0.2988

Monochromacy



Original Color

54.9060, 0.3129, 0.2738

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.5447, 0.3129, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9060, 0.3129, 0.2738 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(228, 180, 231)` looks like.

```
.text, #text, p{  
    color:rgb(228, 180, 231)  
}
```

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(228, 180, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 180, 231) }
```

Border

The CSS property to change the border of an element to Yxy 54.9060, 0.3129, 0.2738 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(228, 180, 231) }
```

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

```
.border{ border-color:rgb(228, 180, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 180, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 180, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 180, 231);  
box-shadow:4px 4px 4px 4px rgb(228, 180,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9060, 0.3129, 0.2738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 180, 231) }
```

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

```
.background{ background-color: rgb(228,  
180, 231) }
```

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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