

Converting Colors

$Y_{xy}(54.1955, 0.3072, 0.2652)$

Have a look what the booklet for
Yxy(54.1955, 0.3072, 0.2652)
contains.

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Color

Yxy(54.2861, 0.3076, 0.2655)

Conversions

Conversions Part 1

Format	Color
Hex	E3B2ED
RGB	227, 178, 237
RGB Percent	89%, 70%, 93%
CMY	0.1097, 0.3020, 0.0706
CMYK	0.04, 0.25, 0.00, 0.07
HSL	290°, 62%, 81%
HSV	290°, 25%, 93%
XYZ	62.8942, 54.2861, 87.2871
YIQ	199.3770, 10.2650, 28.7370

Conversions

Conversions Part 2

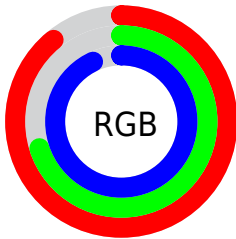
Format	Color
R _Y B	227, 178, 237
Decimal	14922477
CIE Lab	78.63, 27.83, -22.64
CIE LCh	79, 35.873, 320.868
Yxy	54.2861, 0.3076, 0.2655
Android (android.graphics.Color)	4293112557 (0xFFE3B2ED)
YUV	199.3770, 18.5481, 24.2254
Hunter-Lab	73.6791, 23.4333, -18.6651

Details

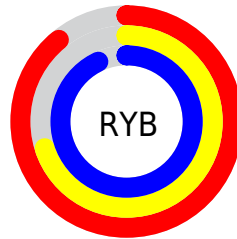
The Yxy color $54.2861, 0.3076, 0.2655$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74.4709, 0.3159, 0.3985$, and the grayscale version is $57.2386, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.3256, 0.3137, 0.3088$, and $26.6614, 0.3055, 0.2509$ is the 20% darker color. If you saturate the color by 10%, you get $45.0151, 0.3047, 0.2393$, and if you desaturate by 10%, it is $65.2061, 0.3100, 0.2917$.

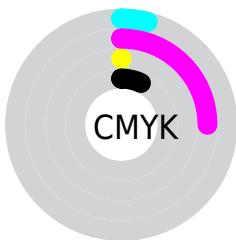
Distribution



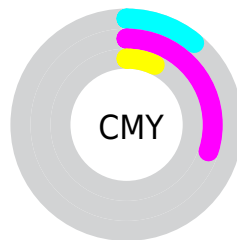
- Red (89%)
- Green (70%)
- Blue (93%)



- Red (89%)
- Yellow (70%)
- Blue (93%)



- Cyan (4%)
- Magenta (25%)
- Yellow (0%)
- Black (7%)




- Cyan (11%)
- Magenta (30%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2861, 0.3076, 0.2655 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 54.2861, 0.3076, 0.2655 by changing the saturation by 10% instead.


 54.2861, 0.3076,
0.2655

 54.2861, 0.3076,
0.2655


403.2001, 0.3107,
0.2948

 38.8304, 0.3067,
0.2588


 96.4942, 0.3088,
0.2757

 26.6278, 0.3056,
0.2506


124.0154, 0.3092,
0.2796

 17.2939, 0.3039,
0.2403


156.3273, 0.3096,
0.2830

 10.4443, 0.3015,
0.2269

193.8142, 0.3099,
0.2860

 5.6945, 0.2978,
0.2089

236.8605, 0.3101,
0.2886

 2.6602, 0.2916,
0.1837

285.8507, 0.3103,

 0.9570, 0.2796,

0.2909

0.1463

341.1691, 0.3105,
0.2930

0.0000, 0.2639,
0.0000

0.0000, 0.0000,
0.0000

54.2861, 0.3076,
0.2655

54.2861, 0.3076,
0.2655

45.0151, 0.3047,
0.2393

65.2061, 0.3100,
0.2917

37.3023, 0.3014,
0.2139

77.8460, 0.3119,
0.3170

31.0586, 0.2976,
0.1903

92.2809, 0.3134,
0.3411

26.1832, 0.2935,
0.1698

96.6980, 0.3156,
0.3467

■ 22.5623, 0.2891,
0.1531

■ 97.4181, 0.3182,
0.3466

■ 20.0636, 0.2846,
0.1408

■ 98.1538, 0.3207,
0.3465

■ 18.5250, 0.2801,
0.1331

■ 98.8947, 0.3232,
0.3464

■ 17.9826, 0.2779,
0.1304

Harmonies

Analogous

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



54.2861, 0.2640, 0.2532



54.2861, 0.3076, 0.2655



54.2861, 0.3560, 0.2918

Triad

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



54.2861, 0.3076, 0.2655



54.2861, 0.3942, 0.3979



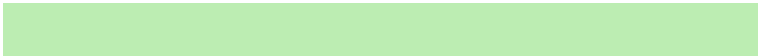
54.2861, 0.2370, 0.3226

Complementary

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



54.2861, 0.3076, 0.2655



74.4709, 0.3159, 0.3985

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.



54.2861, 0.2678, 0.3700



54.2861, 0.3076, 0.2655



54.2861, 0.3585, 0.4149

Square

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



54.2861, 0.3076, 0.2655



54.2861, 0.4081, 0.3651



54.2861, 0.3120, 0.4058



54.2861, 0.2258, 0.2819

Rectangle

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



54.2861, 0.3076, 0.2655



54.2861, 0.3835, 0.3147



54.2861, 0.3120, 0.4058



54.2861, 0.2453, 0.3384

Sweetspot

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



54.2884, 0.3076, 0.2655



88.5680, 0.3115, 0.3117



51.8914, 0.2711, 0.2715



18.7567, 0.3114, 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.



54.2884, 0.3076, 0.2655



58.1518, 0.3062, 0.2518



54.9204, 0.3305, 0.2857



15.1776, 0.3111, 0.3056



9.8675, 0.2786, 0.1308



0.8089, 0.2848, 0.1342

Inverse Universe

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



53.4708, 0.3564, 0.3181



57.0802, 0.3689, 0.3157



74.0514, 0.2985, 0.3767



15.0956, 0.3266, 0.3250



9.9265, 0.6149, 0.3161



0.7917, 0.5794, 0.2966

Previews

White Background



This preview shows how the Yxy color 54.2861, 0.3076, 0.2655 looks on a white background.

Color Contrast Check

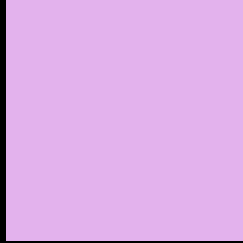
Large Text (above 18pt) WCAG AA × Fail

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 54.2861, 0.3076, 0.2655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

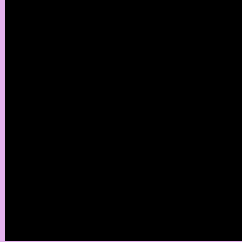
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2861, 0.3076, 0.2655

Background



This preview shows how black text looks on a background with the Yxy color 54.2861, 0.3076, 0.2655.



This preview shows how white text looks on a background with the Yxy color 54.2861, 0.3076, 0.2655.

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

54.2861, 0.3076, 0.2655

Protanopia

54.6791, 0.2676, 0.2664

Deuteranopia

54.2944, 0.2838, 0.2769



Tritanopia

54.3510, 0.3328, 0.3131

Trichromacy



Original Color

54.2861, 0.3076, 0.2655



Protanomaly

54.4433, 0.2814, 0.2667



Deuteranomaly

54.2958, 0.2919, 0.2725



Tritanomaly

54.1073, 0.3235, 0.2943

Monochromacy



Original Color

54.2861, 0.3076, 0.2655



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.6210, 0.3107, 0.3035

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2861, 0.3076, 0.2655 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(227, 178, 237)` looks like.

```
.text, #text, p{  
    color:rgb(227, 178, 237)  
}
```

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(227, 178, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 178, 237) }
```

Border

The CSS property to change the border of an element to Yxy 54.2861, 0.3076, 0.2655 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(227, 178, 237) }
```

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

```
.border{ border-color:rgb(227, 178, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 178, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 178, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 178, 237);  
box-shadow:4px 4px 4px 4px rgb(227, 178,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2861, 0.3076, 0.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 178, 237) }
```

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

```
.background{ background-color: rgb(227,  
178, 237) }
```

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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