

Converting Colors

$Y_{xy}(54.2915, 0.3117, 0.2670)$

Have a look what the booklet for
Yxy(54.2915, 0.3117, 0.2670)
contains.

Yxy(54.2654, 0.3115, 0.2669)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.2654, 0.3115, 0.2669)

Conversions

Conversions Part 1

Format	Color
Hex	E6B1EB
RGB	230, 177, 235
RGB Percent	90%, 69%, 92%
CMY	0.0983, 0.3057, 0.0785
CMYK	0.02, 0.25, 0.00, 0.08
HSL	295°, 59%, 81%
HSV	295°, 25%, 92%
XYZ	63.3334, 54.2654, 85.7186
YIQ	199.4590, 12.9700, 29.2740

Conversions

Conversions Part 2

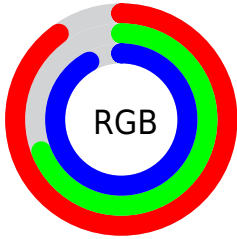
Format	Color
R _Y B	230, 177, 235
Decimal	15118827
CIE Lab	78.62, 28.89, -21.54
CIE LCh	79, 36.036, 323.291
Yxy	54.2654, 0.3115, 0.2669
Android (android.graphics.Color)	4293308907 (0xFFE6B1EB)
YUV	199.4590, 17.5217, 26.7845
Hunter-Lab	73.6651, 24.5511, -17.4259

Details

The Yxy color **54.2654, 0.3115, 0.2669** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **72.5362, 0.3128, 0.3983**, and the grayscale version is **57.2927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7578, 0.3137, 0.3078**, and **26.6686, 0.3108, 0.2527** is the 20% darker color. If you saturate the color by 10%, you get **45.4321, 0.3106, 0.2415**, and if you desaturate by 10%, it is **64.7057, 0.3122, 0.2925**.

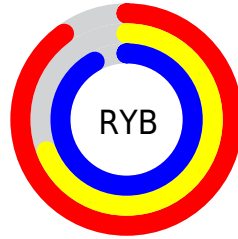
Distribution



Red (90%)

Green (69%)

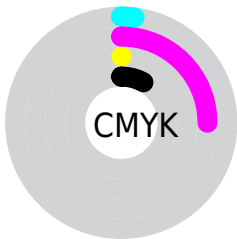
Blue (92%)



Red (90%)

Yellow (69%)

Blue (92%)

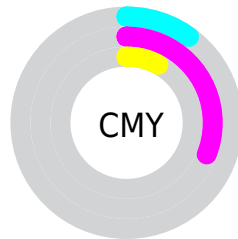


Cyan (2%)

Magenta (25%)

Yellow (0%)

Black (8%)



Cyan (10%)


Magenta (31%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2654, 0.3115, 0.2669 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 54.2654, 0.3115, 0.2669 by changing the saturation by 10% instead.


 54.2654, 0.3115,
0.2669

 54.2654, 0.3115,
0.2669


403.1213, 0.3127,
0.2956

 38.8139, 0.3111,
0.2604

 96.4638, 0.3120,
0.2768

 26.6150, 0.3105,
0.2523


123.9795, 0.3122,
0.2807

 17.2843, 0.3096,
0.2422


156.2854, 0.3123,
0.2840

 10.4374, 0.3081,
0.2291

193.7658, 0.3124,
0.2869

 5.6899, 0.3058,
0.2114

236.8052, 0.3125,
0.2895

 2.6575, 0.3015,
0.1865

285.7880, 0.3126,

 0.9556, 0.2927,

0.2918

0.1495

341.0986, 0.3126,
0.2938

0.0000, 0.2871,
0.0000

0.0000, 0.0000,
0.0000

54.2654, 0.3115,
0.2669

54.2654, 0.3115,
0.2669

45.4321, 0.3106,
0.2415

64.7057, 0.3122,
0.2925

38.1168, 0.3094,
0.2172

76.8221, 0.3126,
0.3176

32.2328, 0.3079,
0.1951

90.6879, 0.3128,
0.3417

27.6815, 0.3062,
0.1761

95.7147, 0.3137,
0.3490

■ 24.3522, 0.3043,
0.1610

■ 96.0709, 0.3150,
0.3489

■ 22.1161, 0.3022,
0.1504

■ 96.4312, 0.3163,
0.3488

■ 20.8153, 0.3000,
0.1441

■ 96.7955, 0.3176,
0.3487

■ 20.3734, 0.2988,
0.1420

■ 97.1638, 0.3189,
0.3487

■ 97.5362, 0.3202,
0.3486

Harmonies

Analogous

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



54.2654, 0.2668, 0.2532



54.2654, 0.3115, 0.2669



54.2654, 0.3599, 0.2942

Triad

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



54.2654, 0.3115, 0.2669



54.2654, 0.3924, 0.4003



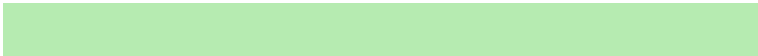
54.2654, 0.2350, 0.3188

Complementary

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



54.2654, 0.3115, 0.2669



72.5362, 0.3128, 0.3983

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.



54.2654, 0.2645, 0.3665



54.2654, 0.3115, 0.2669



54.2654, 0.3551, 0.4157

Square

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



54.2654, 0.3115, 0.2669



54.2654, 0.4084, 0.3682



54.2654, 0.3081, 0.4041



54.2654, 0.2254, 0.2791

Rectangle

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



54.2654, 0.3115, 0.2669



54.2654, 0.3866, 0.3176



54.2654, 0.3081, 0.4041



54.2654, 0.2428, 0.3346

Sweetspot

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



54.2678, 0.3115, 0.2669



88.8418, 0.3125, 0.3118



49.1447, 0.2710, 0.2662



18.8203, 0.3125, 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.



54.2678, 0.3115, 0.2669



59.2793, 0.3110, 0.2529



53.8603, 0.3343, 0.2911



15.2433, 0.3124, 0.3057



11.3692, 0.2992, 0.1422



0.9124, 0.3024, 0.1439

Inverse Universe

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



52.4974, 0.3601, 0.3235



56.8096, 0.3745, 0.3222



72.9372, 0.2959, 0.3702



15.0753, 0.3279, 0.3270



9.8665, 0.6302, 0.3245



0.7821, 0.6068, 0.3117

Previews

White Background



This preview shows how the Yxy color 54.2654, 0.3115, 0.2669 looks on a white background.

Color Contrast Check

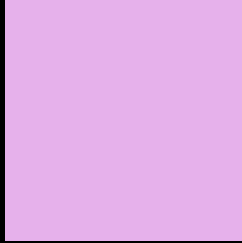
Large Text (above 18pt) WCAG AA × Fail

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 54.2654, 0.3115, 0.2669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

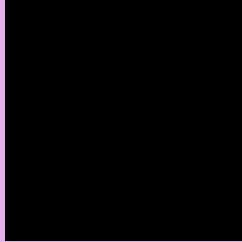
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2654, 0.3115, 0.2669

Background



This preview shows how black text looks on a background with the Yxy color 54.2654, 0.3115, 0.2669.



This preview shows how white text looks on a background with the Yxy color 54.2654, 0.3115, 0.2669.

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

54.2654, 0.3115, 0.2669

Protanopia

54.7388, 0.2688, 0.2676

Deuteranopia

54.2552, 0.2865, 0.2802



Tritanopia

54.3657, 0.3363, 0.3132

Trichromacy



Original Color

54.2654, 0.3115, 0.2669



Protanomaly

54.0936, 0.2827, 0.2666



Deuteranomaly

53.9910, 0.2955, 0.2747



Tritanomaly

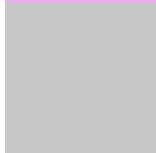
54.0818, 0.3277, 0.2956

Monochromacy



Original Color

54.2654, 0.3115, 0.2669



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.7167, 0.3123, 0.3047

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2654, 0.3115, 0.2669 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(230, 177, 235)` looks like.

```
.text, #text, p{  
    color:rgb(230, 177, 235)  
}
```

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(230, 177, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 177, 235) }
```

Border

The CSS property to change the border of an element to Yxy 54.2654, 0.3115, 0.2669 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(230, 177, 235) }
```

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

```
.border{ border-color:rgb(230, 177, 235) }
```

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

Here you see how a box with a 4 pixel rgb(230, 177, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 177, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 177, 235);  
box-shadow:4px 4px 4px 4px rgb(230, 177,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2654, 0.3115, 0.2669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 177, 235) }
```

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

```
.background{ background-color: rgb(230,  
177, 235) }
```

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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