

Converting Colors

Yxy(54.0327, 0.3155, 0.2690)

Have a look what the booklet for
Yxy(54.0327, 0.3155, 0.2690)
contains.

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Color

Yxy(54.0327, 0.3155, 0.2690)

Conversions

Conversions Part 1

Format	Color
Hex	E8B0E8
RGB	232, 176, 232
RGB Percent	91%, 69%, 91%
CMY	0.0902, 0.3098, 0.0901
CMYK	0.00, 0.24, 0.00, 0.09
HSL	300°, 55%, 80%
HSV	300°, 24%, 91%
XYZ	63.3729, 54.0327, 83.4594
YIQ	199.1280, 15.4000, 29.2880

Conversions

Conversions Part 2

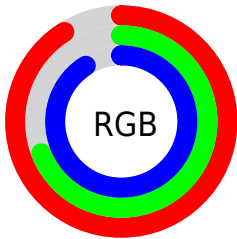
Format	Color
R _Y B	232, 176, 232
Decimal	15249640
CIE Lab	78.48, 29.56, -20.14
CIE LCh	78, 35.771, 325.740
Yxy	54.0327, 0.3155, 0.2690
Android (android.graphics.Color)	4293439720 (0xFFE8B0E8)
YUV	199.1280, 16.2059, 28.8287
Hunter-Lab	73.5069, 25.2540, -15.8627

Details

The Yxy color $54.0327, 0.3155, 0.2690$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $70.1029, 0.3095, 0.3973$, and the grayscale version is $57.0896, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1932, 0.3138, 0.3068$, and $26.5306, 0.3162, 0.2555$ is the 20% darker color. If you saturate the color by 10%, you get $45.6976, 0.3166, 0.2444$, and if you desaturate by 10%, it is $63.9277, 0.3143, 0.2941$.

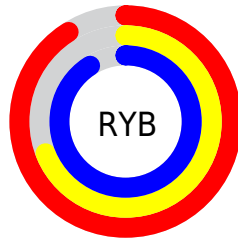
Distribution



Red (91%)

Green (69%)

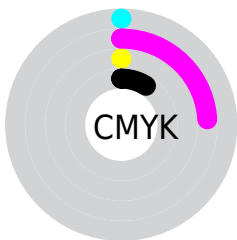
Blue (91%)



Red (91%)

Yellow (69%)

Blue (91%)

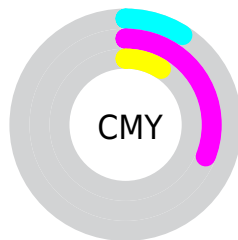


Cyan (0%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (9%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0327, 0.3155, 0.2690 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 54.0327, 0.3155, 0.2690 by changing the saturation by 10% instead.


 54.0327, 0.3155,
0.2690

 54.0327, 0.3155,
0.2690

402.2347, 0.3147,
0.2968

 38.6278, 0.3155,
0.2627


 96.1223, 0.3153,
0.2786

 26.4703, 0.3155,
0.2549


123.5757, 0.3152,
0.2824

 17.1758, 0.3154,
0.2450


155.8141, 0.3152,
0.2856

 10.3599, 0.3150,
0.2322

193.2219, 0.3151,
0.2884

 5.6382, 0.3141,
0.2149

236.1835, 0.3150,
0.2909

 2.6264, 0.3120,
0.1905

285.0832, 0.3149,

 0.9399, 0.3066,

0.2931

0.1538

340.3055, 0.3148,
0.2950

0.0000, 0.3103,
0.0000

0.0000, 0.0000,
0.0000

54.0327, 0.3155,
0.2690

54.0327, 0.3155,
0.2690

45.6976, 0.3166,
0.2444

63.9277, 0.3143,
0.2941

38.8362, 0.3177,
0.2212

75.4489, 0.3132,
0.3189

33.3648, 0.3187,
0.2005

88.6675, 0.3121,
0.3429

29.1886, 0.3195,
0.1831

94.5143, 0.3116,
0.3522

26.2009, 0.3201,
0.1696

94.5168, 0.3117,
0.3522

24.2778, 0.3205,
0.1605

94.5194, 0.3117,
0.3522

23.2685, 0.3207,
0.1556

94.5220, 0.3117,
0.3522

22.9642, 0.3208,
0.1541

94.5246, 0.3117,
0.3522

94.5272, 0.3117,
0.3522

Harmonies

Analogous

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



54.0327, 0.2703, 0.2542



54.0327, 0.3155, 0.2690



54.0327, 0.3633, 0.2971

Triad

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



54.0327, 0.3155, 0.2690



54.0327, 0.3896, 0.4019



54.0327, 0.2339, 0.3151

Complementary

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



54.0327, 0.3155, 0.2690



70.1029, 0.3095, 0.3973

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.



54.0327, 0.2617, 0.3625



54.0327, 0.3155, 0.2690



54.0327, 0.3513, 0.4153

Square

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



54.0327, 0.3155, 0.2690



54.0327, 0.4075, 0.3710



54.0327, 0.3043, 0.4014



54.0327, 0.2260, 0.2768

Rectangle

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



54.0327, 0.3155, 0.2690



54.0327, 0.3889, 0.3207



54.0327, 0.3043, 0.4014



54.0327, 0.2411, 0.3306

Sweetspot

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



54.0351, 0.3155, 0.2690



89.1330, 0.3135, 0.3118



46.4772, 0.2715, 0.2619



18.8880, 0.3136, 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.



54.0351, 0.3155, 0.2690



61.5387, 0.3161, 0.2566



52.6186, 0.3377, 0.2970



14.6147, 0.3138, 0.3059



12.7446, 0.3208, 0.1541



0.9419, 0.3208, 0.1541

Inverse Universe

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



51.3492, 0.3631, 0.3291



57.6684, 0.3774, 0.3291



71.2798, 0.2935, 0.3635



14.3682, 0.3292, 0.3290



9.5245, 0.6400, 0.3299



0.7039, 0.6398, 0.3298

Previews

White Background



This preview shows how the Yxy color 54.0327, 0.3155, 0.2690 looks on a white background.

Color Contrast Check

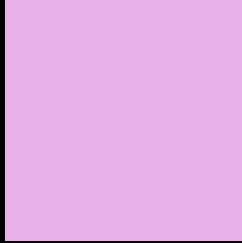
Large Text (above 18pt) WCAG AA × Fail

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 54.0327, 0.3155, 0.2690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

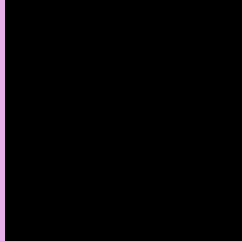
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0327, 0.3155, 0.2690

Background



This preview shows how black text looks on a background with the Yxy color 54.0327, 0.3155, 0.2690.



This preview shows how white text looks on a background with the Yxy color 54.0327, 0.3155, 0.2690.

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

54.0327, 0.3155, 0.2690

Protanopia

54.1154, 0.2705, 0.2695

Deuteranopia

54.2198, 0.2893, 0.2835



Tritanopia

54.2291, 0.3390, 0.3133

Trichromacy



Original Color

54.0327, 0.3155, 0.2690



Protanomaly

53.6292, 0.2854, 0.2687



Deuteranomaly

53.9664, 0.2984, 0.2780



Tritanomaly

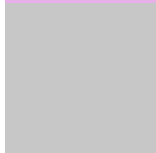
53.9537, 0.3304, 0.2957

Monochromacy



Original Color

54.0327, 0.3155, 0.2690



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.8136, 0.3138, 0.3059

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0327, 0.3155, 0.2690 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(232, 176, 232)` looks like.

```
.text, #text, p{  
    color:rgb(232, 176, 232)  
}
```

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(232, 176, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 176, 232) }
```

Border

The CSS property to change the border of an element to Yxy 54.0327, 0.3155, 0.2690 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(232, 176, 232) }
```

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

```
.border{ border-color:rgb(232, 176, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 176, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 176, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 176, 232);  
box-shadow:4px 4px 4px 4px rgb(232, 176,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0327, 0.3155, 0.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 176, 232) }
```

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

```
.background{ background-color: rgb(232,  
176, 232) }
```

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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