

Converting Colors

Yxy(54.9284, 0.3202, 0.2626)

Have a look what the booklet for
Yxy(54.9284, 0.3202, 0.2626)
contains.

Yxy(54.8788, 0.3200, 0.2627)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.8788, 0.3200, 0.2627)

Conversions

Conversions Part 1

Format	Color
Hex	F2ADED
RGB	242, 173, 237
RGB Percent	95%, 68%, 93%
CMY	0.0509, 0.3216, 0.0707
CMYK	0.00, 0.29, 0.02, 0.05
HSL	304°, 73%, 81%
HSV	304°, 29%, 95%
XYZ	66.8489, 54.8788, 87.1752
YIQ	200.9270, 20.5800, 34.5320

Conversions

Conversions Part 2

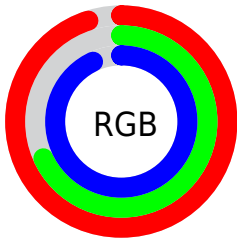
Format	Color
R _Y B	242, 173, 237
Decimal	15904237
CIE Lab	78.97, 35.29, -21.97
CIE LCh	79, 41.573, 328.100
Yxy	54.8788, 0.3200, 0.2627
Android (android.graphics.Color)	4294094317 (0xFFFF2AED)
YUV	200.9270, 17.7840, 36.0210
Hunter-Lab	74.0802, 31.4355, -17.9144

Details

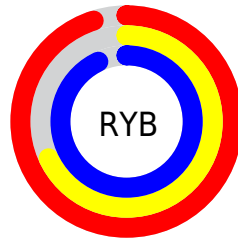
The Yxy color $54.8788, 0.3200, 0.2627$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75.6139, 0.3060, 0.4057$, and the grayscale version is $58.2409, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.5186, 0.3139, 0.3039$, and $27.0834, 0.3210, 0.2479$ is the 20% darker color. If you saturate the color by 10%, you get $46.3224, 0.3230, 0.2399$, and if you desaturate by 10%, it is $65.1220, 0.3172, 0.2862$.

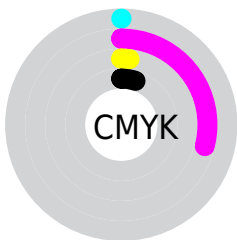
Distribution



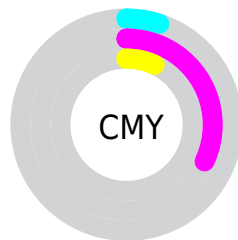
- Red (95%)
- Green (68%)
- Blue (93%)



- Red (95%)
- Yellow (68%)
- Blue (93%)



- Cyan (0%)
- Magenta (29%)
- Yellow (2%)
- Black (5%)





- Cyan (5%)
- Magenta (32%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8788, 0.3200, 0.2627 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 54.8788, 0.3200, 0.2627 by changing the saturation by 10% instead.


 54.8788, 0.3200,
0.2627

 54.8788, 0.3200,
0.2627


405.4523, 0.3172,
0.2931

 39.3047, 0.3205,
0.2559


 97.3634, 0.3192,
0.2732

 26.9968, 0.3210,
0.2475


125.0426, 0.3188,
0.2773

 17.5709, 0.3215,
0.2369


157.5257, 0.3185,
0.2808

 10.6423, 0.3220,
0.2234

195.1970, 0.3182,
0.2839

 5.8269, 0.3223,
0.2053

238.4409, 0.3179,
0.2866

 2.7401, 0.3218,
0.1801

287.6418, 0.3176,

 0.9976, 0.3190,

0.2890

0.1433

343.1842, 0.3174,
0.2911

0.0000, 0.3366,
0.0000

0.0000, 0.0000,
0.0000

54.8788, 0.3200,
0.2627

54.8788, 0.3200,
0.2627

46.3224, 0.3230,
0.2399

65.1220, 0.3172,
0.2862

39.3548, 0.3261,
0.2187

77.1288, 0.3147,
0.3096

33.8791, 0.3292,
0.2001

90.9800, 0.3124,
0.3323

29.7846, 0.3322,
0.1850

96.9343, 0.3110,
0.3398

■ 26.9455, 0.3351,
0.1741

■ 97.0421, 0.3099,
0.3380

■ 25.2131, 0.3378,
0.1676

■ 97.1509, 0.3089,
0.3363

■ 24.3737, 0.3401,
0.1651

■ 97.2608, 0.3079,
0.3345

■ 24.2815, 0.3405,
0.1649

■ 97.3717, 0.3069,
0.3328

■ 97.4836, 0.3060,
0.3311

Harmonies

Analogous

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



54.8788, 0.2674, 0.2445



54.8788, 0.3200, 0.2627



54.8788, 0.3751, 0.2953

Triad

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



54.8788, 0.3200, 0.2627



54.8788, 0.3980, 0.4145



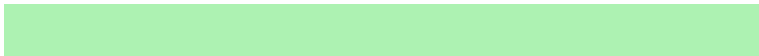
54.8788, 0.2210, 0.3081

Complementary

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



54.8788, 0.3200, 0.2627



75.6139, 0.3060, 0.4057

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.



54.8788, 0.2506, 0.3635



54.8788, 0.3200, 0.2627



54.8788, 0.3522, 0.4293

Square

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



54.8788, 0.3200, 0.2627



54.8788, 0.4216, 0.3792



54.8788, 0.2982, 0.4112



54.8788, 0.2142, 0.2659

Rectangle

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



54.8788, 0.3200, 0.2627



54.8788, 0.4037, 0.3222



54.8788, 0.2982, 0.4112



54.8788, 0.2284, 0.3259

Sweetspot

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



54.8812, 0.3200, 0.2627



86.1140, 0.3148, 0.3084



45.7176, 0.2659, 0.2468



17.9857, 0.3152, 0.3050



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.



54.8812, 0.3200, 0.2627



56.1955, 0.3216, 0.2498



53.0753, 0.3486, 0.2968



16.0103, 0.3149, 0.3074



13.0511, 0.3401, 0.1647



1.0916, 0.3373, 0.1632

Inverse Universe

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



54.8812, 0.3200, 0.2627



56.1955, 0.3216, 0.2498



77.1571, 0.2871, 0.3638



16.0103, 0.3149, 0.3074



13.0511, 0.3401, 0.1647



1.0916, 0.3373, 0.1632

Previews

White Background



This preview shows how the Yxy color 54.8788, 0.3200, 0.2627 looks on a white background.

Color Contrast Check

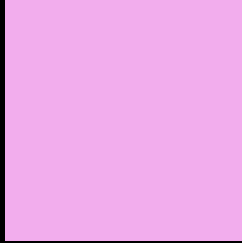
Large Text (above 18pt) WCAG AA × Fail

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 54.8788, 0.3200, 0.2627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

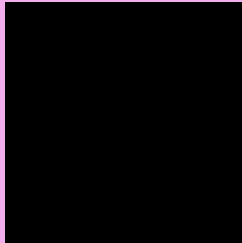
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8788, 0.3200, 0.2627

Background



This preview shows how black text looks on a background with the Yxy color 54.8788, 0.3200, 0.2627.



This preview shows how white text looks on a background with the Yxy color 54.8788, 0.3200, 0.2627.

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

54.8788, 0.3200, 0.2627

Protanopia

55.4356, 0.2648, 0.2625

Deuteranopia

54.9379, 0.2860, 0.2793



Tritanopia

54.8207, 0.3488, 0.3136

Trichromacy



Original Color

54.8788, 0.3200, 0.2627



Protanomaly

54.5297, 0.2823, 0.2610



Deuteranomaly

54.4253, 0.2979, 0.2722



Tritanomaly

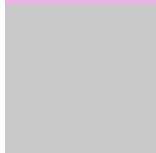
54.6711, 0.3383, 0.2944

Monochromacy



Original Color

54.8788, 0.3200, 0.2627



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.7156, 0.3155, 0.3029

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8788, 0.3200, 0.2627 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(242, 173, 237)` looks like.

```
.text, #text, p{  
    color:rgb(242, 173, 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(242, 173, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 173, 237) }
```

Border

The CSS property to change the border of an element to Yxy 54.8788, 0.3200, 0.2627 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(242, 173, 237) }
```

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

```
.border{ border-color:rgb(242, 173, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 173, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 173, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 173, 237);  
box-shadow:4px 4px 4px 4px rgb(242, 173,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8788, 0.3200, 0.2627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 173, 237) }
```

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

```
.background{ background-color: rgb(242,  
173, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor