

Converting Colors

$Y_{xy}(54.5196, 0.3172, 0.2837)$

Have a look what the booklet for
Yxy(54.5196, 0.3172, 0.2837)
contains.

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Color

Yxy(54.3292, 0.3173, 0.2837)

Conversions

Conversions Part 1

Format	Color
Hex	E1B5DE
RGB	225, 181, 222
RGB Percent	88%, 71%, 87%
CMY	0.1176, 0.2902, 0.1293
CMYK	0.00, 0.20, 0.01, 0.12
HSL	304°, 42%, 80%
HSV	304°, 20%, 88%
XYZ	60.7637, 54.3292, 76.4094
YIQ	198.8300, 13.0630, 22.0790

Conversions

Conversions Part 2

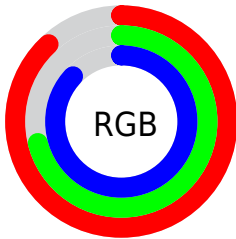
Format	Color
R _Y B	225, 181, 222
Decimal	14792158
CIE Lab	78.65, 22.74, -14.53
CIE LCh	79, 26.989, 327.418
Yxy	54.3292, 0.3173, 0.2837
Android (android.graphics.Color)	4292982238 (0xFFE1B5DE)
YUV	198.8300, 11.4228, 22.9511
Hunter-Lab	73.7083, 18.1622, -9.8669

Details

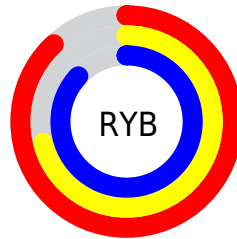
The Yxy color $54.3292, 0.3173, 0.2837$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $67.1368, 0.3083, 0.3789$, and the grayscale version is $56.9290, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0484, 0.3135, 0.3117$, and $26.6634, 0.3176, 0.2727$ is the 20% darker color. If you saturate the color by 10%, you get $45.8270, 0.3200, 0.2602$, and if you desaturate by 10%, it is $64.3146, 0.3148, 0.3072$.

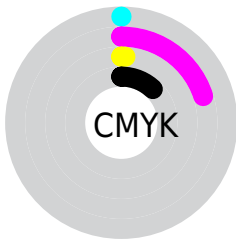
Distribution



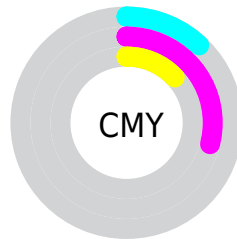
- Red (88%)
- Green (71%)
- Blue (87%)



- Red (88%)
- Yellow (71%)
- Blue (87%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (12%)





- Cyan (12%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3292, 0.3173, 0.2837 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 54.3292, 0.3173, 0.2837 by changing the saturation by 10% instead.


 54.3292, 0.3173,
0.2837

 54.3292, 0.3173,
0.2837


403.3641, 0.3154,
0.3050

 38.8649, 0.3177,
0.2788


 96.5574, 0.3167,
0.2911

 26.6547, 0.3181,
0.2727


124.0902, 0.3164,
0.2940

 17.3140, 0.3186,
0.2649


156.4145, 0.3162,
0.2965

 10.4586, 0.3191,
0.2546

193.9148, 0.3160,
0.2986

 5.7041, 0.3196,
0.2405

236.9756, 0.3158,
0.3005

 2.6660, 0.3198,
0.2200

285.9811, 0.3157,

 0.9600, 0.3190,

0.3022

0.1876

341.3158, 0.3155,
0.3036

0.0000, 0.3263,
0.0000

0.0000, 0.0000,
0.0000

54.3292, 0.3173,
0.2837

54.3292, 0.3173,
0.2837

45.8270, 0.3200,
0.2602

64.3146, 0.3148,
0.3072

38.7299, 0.3228,
0.2375

75.8420, 0.3126,
0.3300

32.9639, 0.3257,
0.2165

88.9759, 0.3106,
0.3517

28.4448, 0.3287,
0.1982

93.1364, 0.3095,
0.3566

■ 25.0792, 0.3315,
0.1834

■ 93.2214, 0.3086,
0.3550

■ 22.7607, 0.3342,
0.1728

■ 93.3072, 0.3078,
0.3534

■ 21.3627, 0.3366,
0.1666

■ 93.3937, 0.3069,
0.3518

■ 20.6754, 0.3388,
0.1641

■ 93.4810, 0.3061,
0.3502

■ 20.6504, 0.3389,
0.1641

■ 93.5690, 0.3052,
0.3486

Harmonies

Analogous

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



54.3292, 0.2824, 0.2716



54.3292, 0.3173, 0.2837



54.3292, 0.3527, 0.3063

Triad

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



54.3292, 0.3173, 0.2837



54.3292, 0.3699, 0.3857



54.3292, 0.2517, 0.3175

Complementary

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



54.3292, 0.3173, 0.2837



67.1368, 0.3083, 0.3789

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.



54.3292, 0.2727, 0.3523



54.3292, 0.3173, 0.2837



54.3292, 0.3407, 0.3933

Square

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



54.3292, 0.3173, 0.2837



54.3292, 0.3839, 0.3637



54.3292, 0.3050, 0.3812



54.3292, 0.2462, 0.2888

Rectangle

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



54.3292, 0.3173, 0.2837



54.3292, 0.3712, 0.3250



54.3292, 0.3050, 0.3812



54.3292, 0.2571, 0.3289

Sweetspot

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



54.3316, 0.3173, 0.2837



90.5572, 0.3140, 0.3153



48.6665, 0.2825, 0.2757



19.1728, 0.3142, 0.3138



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.



54.3316, 0.3173, 0.2837



67.8649, 0.3182, 0.2752



53.2296, 0.3350, 0.3074



13.9188, 0.3148, 0.3074



11.9061, 0.3386, 0.1639



0.8302, 0.3356, 0.1622

Inverse Universe

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



54.3316, 0.3173, 0.2837



67.8649, 0.3182, 0.2752



68.1302, 0.2948, 0.3517



13.9188, 0.3148, 0.3074



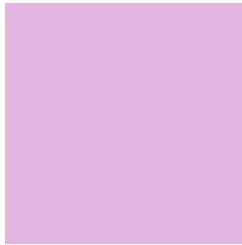
11.9061, 0.3386, 0.1639



0.8302, 0.3356, 0.1622

Previews

White Background



This preview shows how the Yxy color 54.3292, 0.3173, 0.2837 looks on a white background.

Color Contrast Check

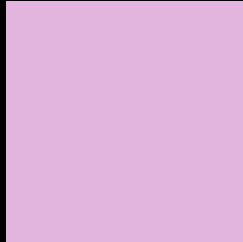
Large Text (above 18pt) WCAG AA × Fail

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 54.3292, 0.3173, 0.2837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

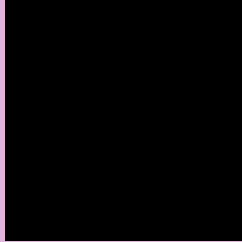
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3292, 0.3173, 0.2837

Background



This preview shows how black text looks on a background with the Yxy color 54.3292, 0.3173, 0.2837.



This preview shows how white text looks on a background with the Yxy color 54.3292, 0.3173, 0.2837.

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

54.3292, 0.3173, 0.2837

Protanopia

54.5445, 0.2829, 0.2853

Deuteranopia

54.5508, 0.3001, 0.2940



Tritanopia

54.3510, 0.3328, 0.3131

Trichromacy



Original Color

54.3292, 0.3173, 0.2837

Protanomaly

54.3588, 0.2944, 0.2850

Deuteranomaly

54.4627, 0.3057, 0.2901

Tritanomaly

54.4739, 0.3273, 0.3030

Monochromacy



Original Color

54.3292, 0.3173, 0.2837

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

55.6142, 0.3143, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3292, 0.3173, 0.2837 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(225, 181, 222)` looks like.

```
.text, #text, p{  
    color:rgb(225, 181, 222)  
}
```

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(225, 181, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 181, 222) }
```

Border

The CSS property to change the border of an element to Yxy 54.3292, 0.3173, 0.2837 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(225, 181, 222) }
```

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

```
.border{ border-color:rgb(225, 181, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 181, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 181, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 181, 222); box-shadow:4px 4px 4px 4px rgb(225, 181, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3292, 0.3173, 0.2837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 181, 222) }
```

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

```
.background{ background-color: rgb(225,  
181, 222) }
```

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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