

Converting Colors

Yxy(54.5991, 0.3197, 0.2850)

Have a look what the booklet for
Yxy(54.5991, 0.3197, 0.2850)
contains.

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Color

Yxy(54.5991, 0.3197, 0.2850)

Conversions

Conversions Part 1

Format	Color
Hex	E3B5DD
RGB	227, 181, 221
RGB Percent	89%, 71%, 87%
CMY	0.1099, 0.2901, 0.1333
CMYK	0.00, 0.20, 0.03, 0.11
HSL	308°, 45%, 80%
HSV	308°, 20%, 89%
XYZ	61.2468, 54.5991, 75.7299
YIQ	199.3140, 14.5760, 22.1920

Conversions

Conversions Part 2

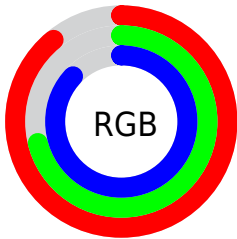
Format	Color
R _Y B	227, 181, 221
Decimal	14923229
CIE Lab	78.81, 23.21, -13.74
CIE LCh	79, 26.966, 329.378
Yxy	54.5991, 0.3197, 0.2850
Android (android.graphics.Color)	4293113309 (0xFFE3B5DD)
YUV	199.3140, 10.6912, 24.2806
Hunter-Lab	73.8912, 18.6451, -9.0415

Details

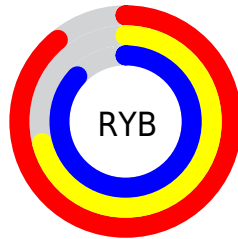
The Yxy color **54.5991, 0.3197, 0.2850** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.3307, 0.3064, 0.3774**, and the grayscale version is **57.2424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **26.8494, 0.3209, 0.2744** is the 20% darker color. If you saturate the color by 10%, you get **45.9548, 0.3238, 0.2628**, and if you desaturate by 10%, it is **64.7544, 0.3160, 0.3071**.

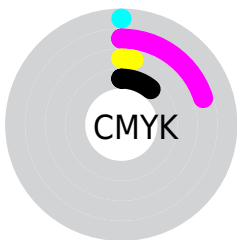
Distribution



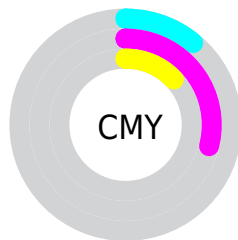
- Red (89%)
- Green (71%)
- Blue (87%)



- Red (89%)
- Yellow (71%)
- Blue (87%)



- Cyan (0%)
- Magenta (20%)
- Yellow (3%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5991, 0.3197, 0.2850 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 54.5991, 0.3197, 0.2850 by changing the saturation by 10% instead.


 54.5991, 0.3197,
0.2850

 54.5991, 0.3197,
0.2850


404.3905, 0.3166,
0.3056

 39.0808, 0.3204,
0.2802


 96.9533, 0.3187,
0.2922

 26.8226, 0.3211,
0.2743


124.5581, 0.3183,
0.2950

 17.4400, 0.3221,
0.2667


156.9605, 0.3179,
0.2974

 10.5487, 0.3232,
0.2567

194.5448, 0.3176,
0.2995

 5.7643, 0.3246,
0.2430

237.6957, 0.3173,
0.3013

 2.7023, 0.3263,
0.2230

286.7973, 0.3171,

 0.9784, 0.3280,

0.3029

0.1914

342.2341, 0.3168,
0.3044

0.0000, 0.3507,
0.0000

0.0000, 0.0000,
0.0000

54.5991, 0.3197,
0.2850

54.5991, 0.3197,
0.2850

45.9548, 0.3238,
0.2628

64.7544, 0.3160,
0.3071

38.7417, 0.3283,
0.2413

76.4814, 0.3128,
0.3285

32.8834, 0.3331,
0.2214

89.8461, 0.3100,
0.3488

28.2936, 0.3381,
0.2040

93.7149, 0.3081,
0.3517

■ 24.8759, 0.3432,
0.1902

■ 93.8839, 0.3064,
0.3486

■ 22.5205, 0.3481,
0.1805

■ 94.0557, 0.3048,
0.3456

■ 21.0962, 0.3528,
0.1754

■ 94.2304, 0.3031,
0.3426

■ 20.3837, 0.3570,
0.1741

■ 94.4079, 0.3015,
0.3395

■ 94.5882, 0.2999,
0.3366

Harmonies

Analogous

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



54.5991, 0.2846, 0.2721



54.5991, 0.3197, 0.2850



54.5991, 0.3547, 0.3081

Triad

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



54.5991, 0.3197, 0.2850



54.5991, 0.3683, 0.3866



54.5991, 0.2510, 0.3154

Complementary

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



54.5991, 0.3197, 0.2850



68.3307, 0.3064, 0.3774

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.



54.5991, 0.2710, 0.3500



54.5991, 0.3197, 0.2850



54.5991, 0.3384, 0.3930

Square

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



54.5991, 0.3197, 0.2850



54.5991, 0.3834, 0.3653



54.5991, 0.3028, 0.3796



54.5991, 0.2465, 0.2874

Rectangle

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



54.5991, 0.3197, 0.2850



54.5991, 0.3724, 0.3269



54.5991, 0.3028, 0.3796



54.5991, 0.2560, 0.3266

Sweetspot

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



54.6015, 0.3197, 0.2850



90.4968, 0.3146, 0.3162



49.0856, 0.2830, 0.2738



19.1585, 0.3148, 0.3148



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.



54.6015, 0.3197, 0.2850



66.4750, 0.3213, 0.2763



53.4864, 0.3379, 0.3092



14.5814, 0.3158, 0.3088



11.9044, 0.3564, 0.1737



0.8887, 0.3505, 0.1704

Inverse Universe

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



54.6015, 0.3197, 0.2850



66.4750, 0.3213, 0.2763



69.3653, 0.2928, 0.3498



14.5814, 0.3158, 0.3088



11.9044, 0.3564, 0.1737



0.8887, 0.3505, 0.1704

Previews

White Background



This preview shows how the Yxy color 54.5991, 0.3197, 0.2850 looks on a white background.

Color Contrast Check

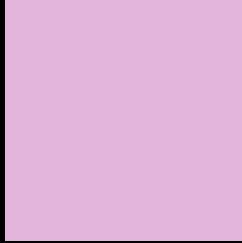
Large Text (above 18pt) WCAG AA × Fail

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 54.5991, 0.3197, 0.2850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

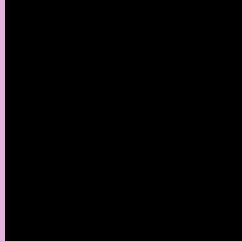
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5991, 0.3197, 0.2850

Background



This preview shows how black text looks on a background with the Yxy color 54.5991, 0.3197, 0.2850.



This preview shows how white text looks on a background with the Yxy color 54.5991, 0.3197, 0.2850.

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

54.5991, 0.3197, 0.2850

Protanopia

54.9321, 0.2837, 0.2876

Deuteranopia

54.6379, 0.3016, 0.2952



Tritanopia

54.6687, 0.3345, 0.3132

Trichromacy



Original Color

54.5991, 0.3197, 0.2850

Protanomaly

54.4427, 0.2959, 0.2862

Deuteranomaly

54.7050, 0.3080, 0.2913

Tritanomaly

54.7935, 0.3290, 0.3032

Monochromacy



Original Color

54.5991, 0.3197, 0.2850

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

55.7596, 0.3151, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5991, 0.3197, 0.2850 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, 181, 221)` looks like.

```
.text, #text, p{  
    color:rgb(227, 181, 221)  
}
```

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, 181, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 181, 221) }
```

Border

The CSS property to change the border of an element to Yxy 54.5991, 0.3197, 0.2850 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, 181, 221) }
```

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

```
.border{ border-color:rgb(227, 181, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 181, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 181, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 181, 221);  
box-shadow:4px 4px 4px 4px rgb(227, 181,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5991, 0.3197, 0.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 181, 221) }
```

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

```
.background{ background-color: rgb(227,  
181, 221) }
```

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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