

Converting Colors

Yxy(54.0181, 0.3291, 0.2822)

Have a look what the booklet for
Yxy(54.0181, 0.3291, 0.2822)
contains.

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Color

Yxy(53.9980, 0.3293, 0.2827)

Conversions

Conversions Part 1

Format	Color
Hex	ECB0DB
RGB	236, 176, 219
RGB Percent	93%, 69%, 86%
CMY	0.0745, 0.3098, 0.1413
CMYK	0.00, 0.25, 0.07, 0.07
HSL	317°, 61%, 81%
HSV	317°, 25%, 93%
XYZ	62.8990, 53.9980, 74.1112
YIQ	198.8420, 21.9570, 26.0930

Conversions

Conversions Part 2

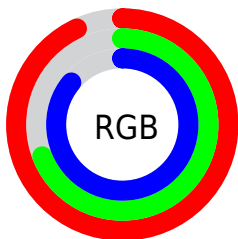
Format	Color
R _Y B	236, 176, 219
Decimal	15511771
CIE _{Lab}	78.46, 28.56, -13.07
CIE _{LCh}	78, 31.407, 335.416
Yxy	53.9980, 0.3293, 0.2827
Android (android.graphics.Color)	4293701851 (0xFFECB0DB)
YUV	198.8420, 9.9379, 32.5876
Hunter-Lab	73.4833, 24.1935, -8.3582

Details

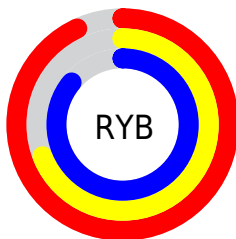
The Yxy color $53.9980, 0.3293, 0.2827$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $73.0688, 0.2994, 0.3803$, and the grayscale version is $56.9406, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1932, 0.3138, 0.3068$, and $26.4300, 0.3327, 0.2716$ is the 20% darker color. If you saturate the color by 10%, you get $45.1903, 0.3377, 0.2640$, and if you desaturate by 10%, it is $64.4334, 0.3220, 0.3014$.

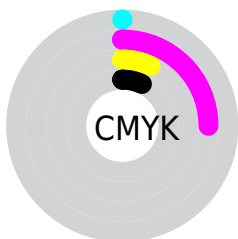
Distribution



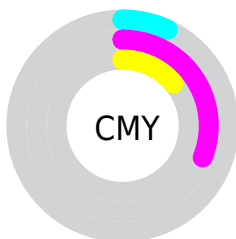
- Red (93%)
- Green (69%)
- Blue (86%)



- Red (93%)
- Yellow (69%)
- Blue (86%)



- Cyan (0%)
- Magenta (25%)
- Yellow (7%)
- Black (7%)




- Cyan (7%)
- Magenta (31%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.9980, 0.3293, 0.2827 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 53.9980, 0.3293, 0.2827 by changing the saturation by 10% instead.


 53.9980, 0.3293,
0.2827

 53.9980, 0.3293,
0.2827


402.1024, 0.3216,
0.3044

 38.6001, 0.3311,
0.2777


 96.0713, 0.3266,
0.2903

 26.4487, 0.3332,
0.2715


123.5155, 0.3256,
0.2932

 17.1596, 0.3359,
0.2635


155.7438, 0.3247,
0.2957

 10.3484, 0.3395,
0.2531

193.1408, 0.3239,
0.2979

 5.6306, 0.3443,
0.2388

236.0907, 0.3233,
0.2998

 2.6218, 0.3511,
0.2180

284.9780, 0.3226,

 0.9376, 0.3614,

0.3015

0.1853

340.1871, 0.3221,
0.3030

0.0000, 0.4237,
0.0000

0.0000, 0.0000,
0.0000

53.9980, 0.3293,
0.2827

53.9980, 0.3293,
0.2827

45.1903, 0.3377,
0.2640

64.4334, 0.3220,
0.3014

37.9196, 0.3473,
0.2461

76.5665, 0.3157,
0.3195

32.0974, 0.3579,
0.2299

90.4722, 0.3104,
0.3368

27.6232, 0.3693,
0.2165

95.9900, 0.3063,
0.3381

■ 24.3838, 0.3812,
0.2070

■ 96.4079, 0.3025,
0.3315

■ 22.2470, 0.3932,
0.2021

■ 96.5714, 0.3011,
0.3290

■ 21.0501, 0.4048,
0.2021

■ 20.6982, 0.4101,
0.2033

Harmonies

Analogous

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



53.9980, 0.2874, 0.2652



53.9980, 0.3293, 0.2827



53.9980, 0.3689, 0.3108

Triad

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



53.9980, 0.3293, 0.2827



53.9980, 0.3713, 0.3993



53.9980, 0.2386, 0.3050

Complementary

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



53.9980, 0.3293, 0.2827



73.0688, 0.2994, 0.3803

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.



53.9980, 0.2581, 0.3452



53.9980, 0.3293, 0.2827



53.9980, 0.3340, 0.4031

Square

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



53.9980, 0.3293, 0.2827



53.9980, 0.3935, 0.3766



53.9980, 0.2926, 0.3829



53.9980, 0.2374, 0.2755

Rectangle

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



53.9980, 0.3293, 0.2827



53.9980, 0.3873, 0.3329



53.9980, 0.2926, 0.3829



53.9980, 0.2432, 0.3177

Sweetspot

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



54.0004, 0.3293, 0.2827



87.3008, 0.3172, 0.3148



48.4495, 0.2816, 0.2590



18.2073, 0.3182, 0.3121



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.



54.0004, 0.3293, 0.2827



59.2007, 0.3331, 0.2739



52.5614, 0.3550, 0.3147



15.2367, 0.3181, 0.3123



11.4335, 0.4083, 0.2023



0.9142, 0.3934, 0.1941

Inverse Universe

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



54.0004, 0.3293, 0.2827



59.2007, 0.3331, 0.2739



74.5449, 0.2825, 0.3439



15.2367, 0.3181, 0.3123



11.4335, 0.4083, 0.2023



0.9142, 0.3934, 0.1941

Previews

White Background



This preview shows how the Yxy color 53.9980, 0.3293, 0.2827 looks on a white background.

Color Contrast Check

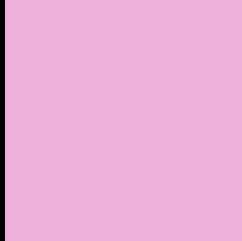
Large Text (above 18pt) WCAG AA × Fail

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 53.9980, 0.3293, 0.2827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

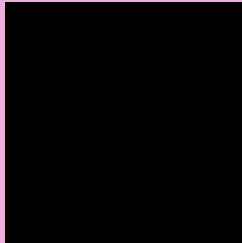
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9980, 0.3293, 0.2827

Background



This preview shows how black text looks on a background with the Yxy color 53.9980, 0.3293, 0.2827.



This preview shows how white text looks on a background with the Yxy color 53.9980, 0.3293, 0.2827.

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

53.9980, 0.3293, 0.2827

Protanopia

54.4179, 0.2822, 0.2852

Deuteranopia

54.0496, 0.3038, 0.2974



Tritanopia

53.8612, 0.3473, 0.3135

Trichromacy



Original Color

53.9980, 0.3293, 0.2827



Protanomaly

54.0108, 0.2982, 0.2842



Deuteranomaly

53.7378, 0.3128, 0.2914



Tritanomaly

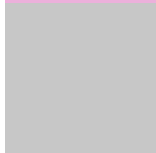
54.0444, 0.3406, 0.3026

Monochromacy



Original Color

53.9980, 0.3293, 0.2827



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.7149, 0.3184, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9980, 0.3293, 0.2827 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(236, 176, 219)` looks like.

```
.text, #text, p{  
    color:rgb(236, 176, 219)  
}
```

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(236, 176, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 176, 219) }
```

Border

The CSS property to change the border of an element to Yxy 53.9980, 0.3293, 0.2827 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(236, 176, 219) }
```

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

```
.border{ border-color:rgb(236, 176, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 176, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 176, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 176, 219);  
box-shadow:4px 4px 4px 4px rgb(236, 176,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9980, 0.3293, 0.2827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 176, 219) }
```

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

```
.background{ background-color: rgb(236,  
176, 219) }
```

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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