

Converting Colors

Yxy(52.4943, 0.3276, 0.2798)

Have a look what the booklet for
Yxy(52.4943, 0.3276, 0.2798)
contains.

Yxy(52.3253, 0.3270, 0.2790)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.3253, 0.3270, 0.2790)

Conversions

Conversions Part 1

Format	Color
Hex	E9ADDB
RGB	233, 173, 219
RGB Percent	91%, 68%, 86%
CMY	0.0864, 0.3215, 0.1411
CMYK	0.00, 0.26, 0.06, 0.09
HSL	314°, 58%, 80%
HSV	314°, 26%, 91%
XYZ	61.3275, 52.3253, 73.8931
YIQ	196.1840, 20.9940, 27.0260

Conversions

Conversions Part 2

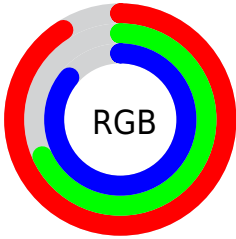
Format	Color
R _Y B	233, 173, 219
Decimal	15314395
CIE Lab	77.47, 29.15, -14.59
CIE LCh	77, 32.598, 333.406
Yxy	52.3253, 0.3270, 0.2790
Android (android.graphics.Color)	4293504475 (0xFFE9ADDB)
YUV	196.1840, 11.2483, 32.2876
Hunter-Lab	72.3362, 24.7460, -9.9307

Details

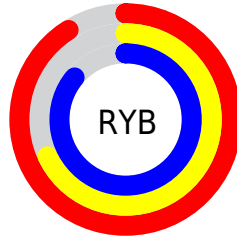
The Yxy color **52.3253, 0.3270, 0.2790** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **70.7335, 0.3011, 0.3848**, and the grayscale version is **55.2407, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **25.4604, 0.3308, 0.2669** is the 20% darker color. If you saturate the color by 10%, you get **43.8763, 0.3341, 0.2592**, and if you desaturate by 10%, it is **62.3460, 0.3208, 0.2989**.

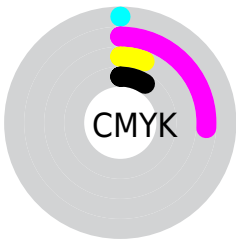
Distribution



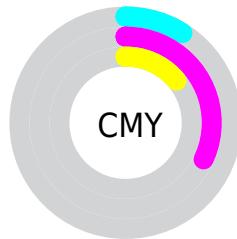
- Red (91%)
- Green (68%)
- Blue (86%)



- Red (91%)
- Yellow (68%)
- Blue (86%)



- Cyan (0%)
- Magenta (26%)
- Yellow (6%)
- Black (9%)





- Cyan (9%)
- Magenta (32%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3253, 0.3270, 0.2790 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 52.3253, 0.3270, 0.2790 by changing the saturation by 10% instead.


 52.3253, 0.3270,
0.2790

 52.3253, 0.3270,
0.2790

395.6912, 0.3205,
0.3025

 37.2644, 0.3285,
0.2736


 93.6108, 0.3248,
0.2872

 25.4123, 0.3303,
0.2668


120.6042, 0.3239,
0.2904

 16.3845, 0.3325,
0.2582


152.3440, 0.3231,
0.2931

 9.7966, 0.3354,
0.2469

189.2144, 0.3224,
0.2955

 5.2643, 0.3392,
0.2313

231.6000, 0.3219,
0.2975

 2.4032, 0.3445,
0.2087

279.8850, 0.3213,

 0.8275, 0.3519,

0.2994

0.1730

334.4539, 0.3209,
0.3010

0.0000, 0.3838,
0.0000

0.0000, 0.0000,
0.0000

52.3253, 0.3270,
0.2790

52.3253, 0.3270,
0.2790

43.8763, 0.3341,
0.2592

62.3460, 0.3208,
0.2989

36.9111, 0.3420,
0.2404

74.0066, 0.3154,
0.3183

31.3438, 0.3506,
0.2233

87.3796, 0.3109,
0.3368

27.0768, 0.3598,
0.2092

95.1718, 0.3073,
0.3433

■ 23.9999, 0.3692,
0.1990

■ 95.5003, 0.3042,
0.3378

■ 21.9846, 0.3786,
0.1933

■ 95.8385, 0.3012,
0.3324

■ 20.8724, 0.3876,
0.1924

■ 96.0585, 0.2993,
0.3290

■ 20.5623, 0.3914,
0.1930

Harmonies

Analogous

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



52.3253, 0.2834, 0.2616



52.3253, 0.3270, 0.2790



52.3253, 0.3692, 0.3077

Triad

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



52.3253, 0.3270, 0.2790



52.3253, 0.3762, 0.4016



52.3253, 0.2360, 0.3063

Complementary

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



52.3253, 0.3270, 0.2790



70.7335, 0.3011, 0.3848

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.



52.3253, 0.2575, 0.3488



52.3253, 0.3270, 0.2790



52.3253, 0.3378, 0.4075

Square

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



52.3253, 0.3270, 0.2790



52.3253, 0.3982, 0.3765



52.3253, 0.2943, 0.3879



52.3253, 0.2335, 0.2744

Rectangle

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



52.3253, 0.3270, 0.2790



52.3253, 0.3895, 0.3306



52.3253, 0.2943, 0.3879



52.3253, 0.2412, 0.3198

Sweetspot

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



52.3276, 0.3270, 0.2790



87.3657, 0.3166, 0.3139



46.2155, 0.2780, 0.2575



18.2238, 0.3174, 0.3109



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.



52.3276, 0.3270, 0.2790



58.3819, 0.3307, 0.2682



50.9304, 0.3521, 0.3100



15.2503, 0.3173, 0.3111



11.6910, 0.3901, 0.1923



0.9326, 0.3785, 0.1859

Inverse Universe

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



52.3276, 0.3270, 0.2790



58.3819, 0.3307, 0.2682



72.1037, 0.2844, 0.3489



15.2503, 0.3173, 0.3111



11.6910, 0.3901, 0.1923



0.9326, 0.3785, 0.1859

Previews

White Background



This preview shows how the Yxy color 52.3253, 0.3270, 0.2790 looks on a white background.

Color Contrast Check

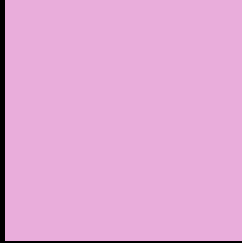
Large Text (above 18pt) WCAG AA × Fail

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 52.3253, 0.3270, 0.2790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

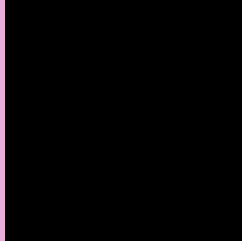
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3253, 0.3270, 0.2790

Background



This preview shows how black text looks on a background with the Yxy color 52.3253, 0.3270, 0.2790.



This preview shows how white text looks on a background with the Yxy color 52.3253, 0.3270, 0.2790.

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

52.3253, 0.3270, 0.2790

Protanopia

52.6074, 0.2791, 0.2812

Deuteranopia

52.6406, 0.3007, 0.2947



Tritanopia

52.3046, 0.3459, 0.3133

Trichromacy



Original Color

52.3253, 0.3270, 0.2790



Protanomaly

52.1895, 0.2950, 0.2802



Deuteranomaly

52.3145, 0.3097, 0.2887



Tritanomaly

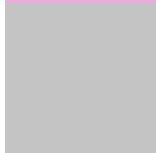
52.1379, 0.3384, 0.3000

Monochromacy



Original Color

52.3253, 0.3270, 0.2790



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.8814, 0.3177, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3253, 0.3270, 0.2790 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(233, 173, 219)` looks like.

```
.text, #text, p{  
    color:rgb(233, 173, 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(233, 173, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 173, 219) }
```

Border

The CSS property to change the border of an element to Yxy 52.3253, 0.3270, 0.2790 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(233, 173, 219) }
```

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

```
.border{ border-color:rgb(233, 173, 219) }
```

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

Here you see how a box with a 4 pixel rgb(233, 173, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 173, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 173, 219);  
box-shadow:4px 4px 4px 4px rgb(233, 173,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3253, 0.3270, 0.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 173, 219) }
```

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

```
.background{ background-color: rgb(233,  
173, 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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