

Converting Colors

$Y_{xy}(53.8375, 0.3201, 0.2765)$

Have a look what the booklet for
Yxy(53.8375, 0.3201, 0.2765)
contains.

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Color

Yxy(53.8694, 0.3202, 0.2770)

Conversions

Conversions Part 1

Format	Color
Hex	E7B1E1
RGB	231, 177, 225
RGB Percent	91%, 69%, 88%
CMY	0.0940, 0.3059, 0.1177
CMYK	0.00, 0.23, 0.03, 0.09
HSL	307°, 53%, 80%
HSV	307°, 23%, 91%
XYZ	62.2707, 53.8694, 78.3343
YIQ	198.6180, 16.7760, 26.3760

Conversions

Conversions Part 2

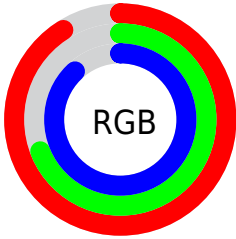
Format	Color
R_{YB}	231, 177, 225
Decimal	15184353
CIE _{Lab}	78.39, 27.43, -16.48
CIE _{LCh}	78, 31.996, 329.007
Yxy	53.8694, 0.3202, 0.2770
Android (android.graphics.Color)	4293374433 (0xFFE7B1E1)
YUV	198.6180, 13.0063, 28.3990
Hunter-Lab	73.3958, 23.0010, -11.9023

Details

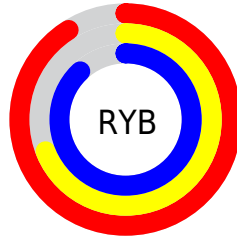
The Yxy color $53.8694, 0.3202, 0.2770$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $69.9328, 0.3060, 0.3872$, and the grayscale version is $56.7811, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.7578, 0.3137, 0.3078$, and $26.4315, 0.3214, 0.2643$ is the 20% darker color. If you saturate the color by 10%, you get $45.3650, 0.3240, 0.2546$, and if you desaturate by 10%, it is $63.9255, 0.3167, 0.2996$.

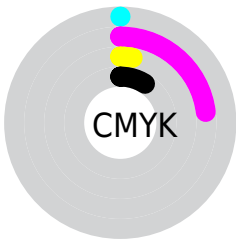
Distribution



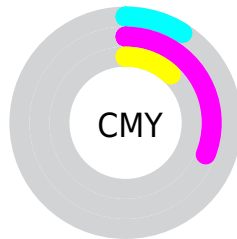
- Red (91%)
- Green (69%)
- Blue (88%)



- Red (91%)
- Yellow (69%)
- Blue (88%)



- Cyan (0%)
- Magenta (23%)
- Yellow (3%)
- Black (9%)




- Cyan (9%)
- Magenta (31%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8694, 0.3202, 0.2770 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 53.8694, 0.3202, 0.2770 by changing the saturation by 10% instead.

 53.8694, 0.3202,
0.2770

 53.8694, 0.3202,
0.2770


401.6118, 0.3170,
0.3013

 38.4973, 0.3208,
0.2714

 95.8825, 0.3192,
0.2855

 26.3689, 0.3216,
0.2645

123.2922, 0.3187,
0.2887

 17.0998, 0.3225,
0.2557


155.4832, 0.3184,
0.2915

 10.3057, 0.3235,
0.2442

192.8399, 0.3180,
0.2940

 5.6021, 0.3247,
0.2286

235.7468, 0.3177,
0.2961

 2.6047, 0.3259,
0.2060

284.5881, 0.3175,

 0.9290, 0.3262,

0.2981

0.1712

339.7483, 0.3172,
0.2997

0.0000, 0.3430,
0.0000

0.0000, 0.0000,
0.0000

53.8694, 0.3202,
0.2770

53.8694, 0.3202,
0.2770

45.3650, 0.3240,
0.2546

63.9255, 0.3167,
0.2996

38.3274, 0.3281,
0.2331

75.5986, 0.3137,
0.3217

32.6745, 0.3324,
0.2136

88.9586, 0.3110,
0.3429

28.3132, 0.3369,
0.1971

94.5295, 0.3091,
0.3489

■ 25.1388, 0.3412,
0.1843

■ 94.6802, 0.3077,
0.3462

■ 23.0306, 0.3454,
0.1759

■ 94.8332, 0.3062,
0.3436

■ 21.8419, 0.3493,
0.1719

■ 94.9884, 0.3048,
0.3409

■ 21.4091, 0.3518,
0.1711

■ 95.1457, 0.3033,
0.3383

■ 95.3053, 0.3019,
0.3357

Harmonies

Analogous

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



53.8694, 0.2787, 0.2621



53.8694, 0.3202, 0.2770



53.8694, 0.3622, 0.3037

Triad

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



53.8694, 0.3202, 0.2770



53.8694, 0.3789, 0.3970



53.8694, 0.2400, 0.3127

Complementary

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



53.8694, 0.3202, 0.2770



69.9328, 0.3060, 0.3872

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.



53.8694, 0.2635, 0.3545



53.8694, 0.3202, 0.2770



53.8694, 0.3433, 0.4058

Square

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



53.8694, 0.3202, 0.2770



53.8694, 0.3971, 0.3708



53.8694, 0.3010, 0.3904



53.8694, 0.2347, 0.2796

Rectangle

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



53.8694, 0.3202, 0.2770



53.8694, 0.3837, 0.3256



53.8694, 0.3010, 0.3904



53.8694, 0.2459, 0.3262

Sweetspot

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



53.8718, 0.3202, 0.2770



89.0073, 0.3148, 0.3137



47.2087, 0.2769, 0.2639



18.8588, 0.3149, 0.3124



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.



53.8718, 0.3202, 0.2770



62.0911, 0.3220, 0.2662



52.5420, 0.3421, 0.3049



14.5860, 0.3155, 0.3084



12.0111, 0.3512, 0.1708



0.8955, 0.3462, 0.1681

Inverse Universe

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



53.8718, 0.3202, 0.2770



62.0911, 0.3220, 0.2662



71.1361, 0.2904, 0.3545



14.5860, 0.3155, 0.3084



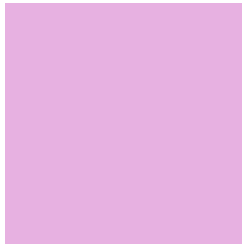
12.0111, 0.3512, 0.1708



0.8955, 0.3462, 0.1681

Previews

White Background



This preview shows how the Yxy color 53.8694, 0.3202, 0.2770 looks on a white background.

Color Contrast Check

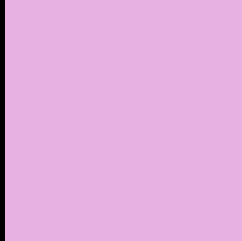
Large Text (above 18pt) WCAG AA × Fail

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 53.8694, 0.3202, 0.2770 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 53.8694, 0.3202, 0.2770

Background



This preview shows how black text looks on a background with the Yxy color 53.8694, 0.3202, 0.2770.



This preview shows how white text looks on a background with the Yxy color 53.8694, 0.3202, 0.2770.

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

53.8694, 0.3202, 0.2770

Protanopia

54.0117, 0.2775, 0.2783

Deuteranopia

54.0023, 0.2965, 0.2893



Tritanopia

53.7723, 0.3400, 0.3132

Trichromacy



Original Color

53.8694, 0.3202, 0.2770

Protanomaly

53.8667, 0.2924, 0.2785

Deuteranomaly

53.9286, 0.3043, 0.2846

Tritanomaly

53.6415, 0.3320, 0.2989

Monochromacy



Original Color

53.8694, 0.3202, 0.2770

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

55.6646, 0.3161, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8694, 0.3202, 0.2770 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(231, 177, 225)` looks like.

```
.text, #text, p{  
    color:rgb(231, 177, 225)  
}
```

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(231, 177, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 177, 225) }
```

Border

The CSS property to change the border of an element to Yxy 53.8694, 0.3202, 0.2770 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(231, 177, 225) }
```

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

```
.border{ border-color:rgb(231, 177, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 177, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 177, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 177, 225);  
box-shadow:4px 4px 4px 4px rgb(231, 177,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8694, 0.3202, 0.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 177, 225) }
```

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

```
.background{ background-color: rgb(231,  
177, 225) }
```

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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