

Converting Colors

Yxy(53.4178, 0.3117, 0.2687)

Have a look what the booklet for
Yxy(53.4178, 0.3117, 0.2687)
contains.

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Color

Yxy(53.2078, 0.3114, 0.2683)

Conversions

Conversions Part 1

Format	Color
Hex	E3B0E8
RGB	227, 176, 232
RGB Percent	89%, 69%, 91%
CMY	0.1100, 0.3097, 0.0902
CMYK	0.02, 0.24, 0.00, 0.09
HSL	295°, 55%, 80%
HSV	295°, 24%, 91%
XYZ	61.7552, 53.2078, 83.3516
YIQ	197.6330, 12.4200, 28.2280

Conversions

Conversions Part 2

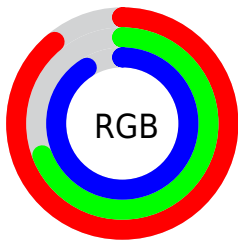
Format	Color
R _Y B	227, 176, 232
Decimal	14921960
CIE Lab	78.00, 27.90, -20.89
CIE LCh	78, 34.854, 323.172
Yxy	53.2078, 0.3114, 0.2683
Android (android.graphics.Color)	4293112040 (0xFFE3B0E8)
YUV	197.6330, 16.9429, 25.7549
Hunter-Lab	72.9437, 23.4692, -16.6892

Details

The Yxy color **53.2078, 0.3114, 0.2683** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **70.6767, 0.3129, 0.3965**, and the grayscale version is **56.1268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **25.9584, 0.3107, 0.2543** is the 20% darker color. If you saturate the color by 10%, you get **44.5369, 0.3104, 0.2428**, and if you desaturate by 10%, it is **63.4421, 0.3121, 0.2939**.

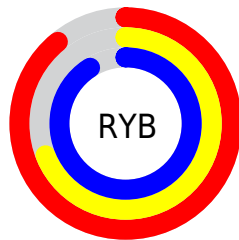
Distribution



Red (89%)

Green (69%)

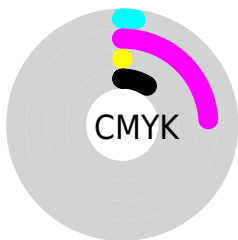
Blue (91%)



Red (89%)

Yellow (69%)

Blue (91%)

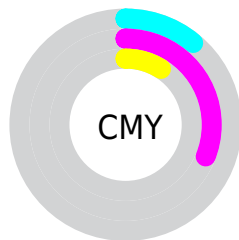


Cyan (2%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (11%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2078, 0.3114, 0.2683 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 53.2078, 0.3114, 0.2683 by changing the saturation by 10% instead.

 53.2078, 0.3114,
0.2683

 53.2078, 0.3114,
0.2683


399.0819, 0.3126,
0.2965

 37.9687, 0.3110,
0.2619

 94.9101, 0.3119,
0.2781

 25.9584, 0.3104,
0.2539


122.1420, 0.3121,
0.2819

 16.7925, 0.3095,
0.2439


154.1404, 0.3122,
0.2852

 10.0867, 0.3080,
0.2308

191.2895, 0.3124,
0.2880

 5.4565, 0.3057,
0.2131

233.9738, 0.3124,
0.2905

 2.5175, 0.3013,
0.1880

282.5777, 0.3125,

 0.8854, 0.2923,

0.2927

0.1502

337.4856, 0.3126,
0.2947

0.0000, 0.2746,
0.0000

0.0000, 0.0000,
0.0000

53.2078, 0.3114,
0.2683

53.2078, 0.3114,
0.2683

44.5369, 0.3104,
0.2428

63.4421, 0.3121,
0.2939

37.3434, 0.3092,
0.2184

75.3062, 0.3126,
0.3190

31.5437, 0.3076,
0.1961

88.8713, 0.3129,
0.3429

27.0429, 0.3058,
0.1769

95.0609, 0.3137,
0.3521

■ 23.7344, 0.3038,
0.1615

■ 95.4197, 0.3150,
0.3520

■ 21.4945, 0.3016,
0.1505

■ 95.7826, 0.3163,
0.3519

■ 20.1725, 0.2994,
0.1439

■ 96.1498, 0.3176,
0.3518

■ 19.6858, 0.2980,
0.1415

■ 96.5212, 0.3190,
0.3518

■ 96.8968, 0.3203,
0.3517

Harmonies

Analogous

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



53.2078, 0.2679, 0.2550



53.2078, 0.3114, 0.2683



53.2078, 0.3585, 0.2950

Triad

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



53.2078, 0.3114, 0.2683



53.2078, 0.3905, 0.3985



53.2078, 0.2370, 0.3193

Complementary

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



53.2078, 0.3114, 0.2683



70.6767, 0.3129, 0.3965

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.



53.2078, 0.2659, 0.3657



53.2078, 0.3114, 0.2683



53.2078, 0.3543, 0.4133

Square

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



53.2078, 0.3114, 0.2683



53.2078, 0.4059, 0.3672



53.2078, 0.3085, 0.4021



53.2078, 0.2275, 0.2806

Rectangle

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



53.2078, 0.3114, 0.2683



53.2078, 0.3845, 0.3178



53.2078, 0.3085, 0.4021



53.2078, 0.2447, 0.3347

Sweetspot

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



53.2101, 0.3114, 0.2683



88.8313, 0.3125, 0.3118



48.3621, 0.2721, 0.2678



18.8179, 0.3124, 0.3103



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.



53.2101, 0.3114, 0.2683



60.3055, 0.3109, 0.2554



52.8502, 0.3337, 0.2920



14.5457, 0.3124, 0.3057



10.9586, 0.2984, 0.1417



0.8292, 0.3019, 0.1437

Inverse Universe

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



51.5559, 0.3585, 0.3234



57.9467, 0.3715, 0.3222



71.0380, 0.2962, 0.3692



14.3890, 0.3278, 0.3269



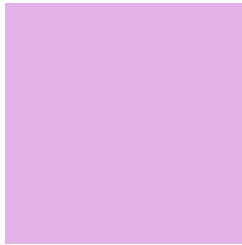
9.5619, 0.6296, 0.3242



0.7139, 0.6043, 0.3103

Previews

White Background



This preview shows how the Yxy color 53.2078, 0.3114, 0.2683 looks on a white background.

Color Contrast Check

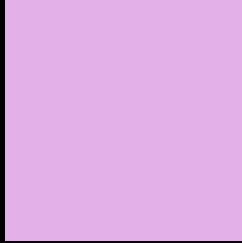
Large Text (above 18pt) WCAG AA × Fail

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 53.2078, 0.3114, 0.2683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

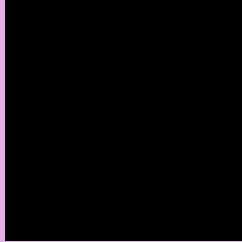
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2078, 0.3114, 0.2683

Background



This preview shows how black text looks on a background with the Yxy color 53.2078, 0.3114, 0.2683.



This preview shows how white text looks on a background with the Yxy color 53.2078, 0.3114, 0.2683.

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

53.2078, 0.3114, 0.2683

Protanopia

53.4962, 0.2703, 0.2692

Deuteranopia

53.5777, 0.2871, 0.2811



Tritanopia

53.4278, 0.3347, 0.3130

Trichromacy



Original Color

53.2078, 0.3114, 0.2683

Protanomaly

53.2966, 0.2846, 0.2695

Deuteranomaly

53.1723, 0.2954, 0.2754

Tritanomaly

53.1430, 0.3261, 0.2953

Monochromacy



Original Color

53.2078, 0.3114, 0.2683

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.0354, 0.3130, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2078, 0.3114, 0.2683 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, 176, 232)` looks like.

```
.text, #text, p{  
    color:rgb(227, 176, 232)  
}
```

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, 176, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 176, 232) }
```

Border

The CSS property to change the border of an element to Yxy 53.2078, 0.3114, 0.2683 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, 176, 232) }
```

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

```
.border{ border-color:rgb(227, 176, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 176, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 176, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 176, 232);  
box-shadow:4px 4px 4px 4px rgb(227, 176,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2078, 0.3114, 0.2683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 176, 232) }
```

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

```
.background{ background-color: rgb(227,  
176, 232) }
```

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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