

Converting Colors

Yxy(53.7035, 0.3266, 0.2815)

Have a look what the booklet for
Yxy(53.7035, 0.3266, 0.2815)
contains.

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Color

Yxy(53.7104, 0.3268, 0.2814)

Conversions

Conversions Part 1

Format	Color
Hex	EAB0DC
RGB	234, 176, 220
RGB Percent	92%, 69%, 86%
CMY	0.0823, 0.3098, 0.1373
CMYK	0.00, 0.25, 0.06, 0.08
HSL	315°, 58%, 80%
HSV	315°, 25%, 92%
XYZ	62.3758, 53.7104, 74.7823
YIQ	198.3580, 20.4440, 25.9800

Conversions

Conversions Part 2

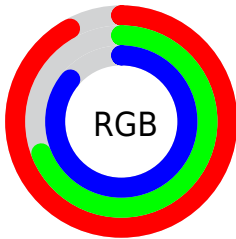
Format	Color
R_{YB}	234, 176, 220
Decimal	15380700
CIE _{Lab}	78.29, 28.07, -13.89
CIE _{LCh}	78, 31.319, 333.682
Yxy	53.7104, 0.3268, 0.2814
Android (android.graphics.Color)	4293570780 (0xFFEAB0DC)
YUV	198.3580, 10.6695, 31.2580
Hunter-Lab	73.2874, 23.6707, -9.1982

Details

The Yxy color **53.7104, 0.3268, 0.2814** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **71.7995, 0.3012, 0.3819**, and the grayscale version is **56.6270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **26.3475, 0.3304, 0.2700** is the 20% darker color. If you saturate the color by 10%, you get **45.0187, 0.3340, 0.2618**, and if you desaturate by 10%, it is **63.9987, 0.3205, 0.3010**.

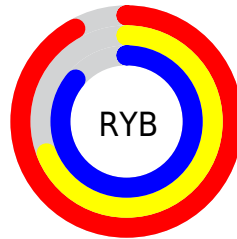
Distribution



Red (92%)

Green (69%)

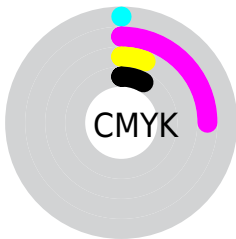
Blue (86%)



Red (92%)

Yellow (69%)

Blue (86%)

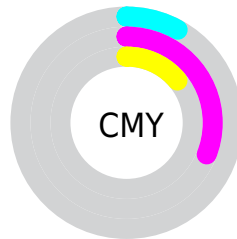


Cyan (0%)

Magenta (25%)

Yellow (6%)

Black (8%)



Cyan (8%)


Magenta (31%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7104, 0.3268, 0.2814 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 53.7104, 0.3268, 0.2814 by changing the saturation by 10% instead.


 53.7104, 0.3268,
0.2814

 53.7104, 0.3268,
0.2814


401.0047, 0.3204,
0.3037

 38.3702, 0.3283,
0.2762


 95.6489, 0.3246,
0.2892

 26.2701, 0.3300,
0.2699


123.0160, 0.3237,
0.2922

 17.0258, 0.3323,
0.2617


155.1608, 0.3230,
0.2948

 10.2529, 0.3351,
0.2510

192.4677, 0.3223,
0.2970

 5.5670, 0.3390,
0.2363

235.3212, 0.3217,
0.2990

 2.5836, 0.3443,
0.2150

284.1056, 0.3212,

 0.9184, 0.3519,

0.3008

0.1815

339.2053, 0.3208,
0.3023

0.0000, 0.3980,
0.0000

0.0000, 0.0000,
0.0000

53.7104, 0.3268,
0.2814

53.7104, 0.3268,
0.2814

45.0187, 0.3340,
0.2618

63.9987, 0.3205,
0.3010

37.8353, 0.3421,
0.2430

75.9518, 0.3150,
0.3202

32.0740, 0.3511,
0.2259

89.6428, 0.3104,
0.3384

27.6372, 0.3606,
0.2116

95.4614, 0.3068,
0.3413

■ 24.4148, 0.3704,
0.2010

■ 95.8077, 0.3037,
0.3357

■ 22.2791, 0.3802,
0.1951

■ 96.1645, 0.3005,
0.3300

■ 21.0733, 0.3898,
0.1940

■ 96.2338, 0.2999,
0.3290

■ 20.6863, 0.3946,
0.1948

Harmonies

Analogous

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



53.7104, 0.2852, 0.2647



53.7104, 0.3268, 0.2814



53.7104, 0.3668, 0.3090

Triad

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



53.7104, 0.3268, 0.2814



53.7104, 0.3730, 0.3984



53.7104, 0.2393, 0.3072

Complementary

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



53.7104, 0.3268, 0.2814



71.7995, 0.3012, 0.3819

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.



53.7104, 0.2598, 0.3475



53.7104, 0.3268, 0.2814



53.7104, 0.3364, 0.4035

Square

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



53.7104, 0.3268, 0.2814



53.7104, 0.3940, 0.3748



53.7104, 0.2949, 0.3846



53.7104, 0.2371, 0.2768

Rectangle

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



53.7104, 0.3268, 0.2814



53.7104, 0.3860, 0.3310



53.7104, 0.2949, 0.3846



53.7104, 0.2442, 0.3200

Sweetspot

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



53.7128, 0.3268, 0.2814



88.8605, 0.3162, 0.3159



47.8809, 0.2803, 0.2606



18.8247, 0.3165, 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.



53.7128, 0.3268, 0.2814



59.3861, 0.3306, 0.2709



52.3284, 0.3511, 0.3118



15.2479, 0.3175, 0.3113



11.6445, 0.3932, 0.1940



0.9293, 0.3810, 0.1873

Inverse Universe

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



53.7128, 0.3268, 0.2814



59.3861, 0.3306, 0.2709



73.1711, 0.2848, 0.3470



15.2479, 0.3175, 0.3113



11.6445, 0.3932, 0.1940



0.9293, 0.3810, 0.1873

Previews

White Background



This preview shows how the Yxy color 53.7104, 0.3268, 0.2814 looks on a white background.

Color Contrast Check

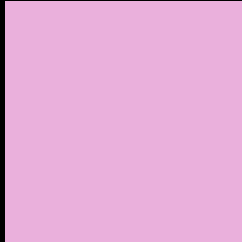
Large Text (above 18pt) WCAG AA × Fail

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 53.7104, 0.3268, 0.2814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

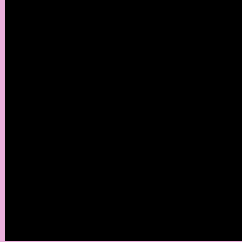
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7104, 0.3268, 0.2814

Background



This preview shows how black text looks on a background with the Yxy color 53.7104, 0.3268, 0.2814.



This preview shows how white text looks on a background with the Yxy color 53.7104, 0.3268, 0.2814.

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

53.7104, 0.3268, 0.2814

Protanopia

53.9079, 0.2808, 0.2828

Deuteranopia

54.0137, 0.3016, 0.2950



Tritanopia

53.9768, 0.3445, 0.3134

Trichromacy



Original Color

53.7104, 0.3268, 0.2814



Protanomaly

53.3604, 0.2959, 0.2817



Deuteranomaly

53.6916, 0.3105, 0.2891



Tritanomaly

53.7556, 0.3380, 0.3014

Monochromacy



Original Color

53.7104, 0.3268, 0.2814



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

55.1320, 0.3177, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7104, 0.3268, 0.2814 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(234, 176, 220)` looks like.

```
.text, #text, p{  
    color:rgb(234, 176, 220)  
}
```

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(234, 176, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 176, 220) }
```

Border

The CSS property to change the border of an element to Yxy 53.7104, 0.3268, 0.2814 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(234, 176, 220) }
```

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

```
.border{ border-color:rgb(234, 176, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 176, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 176, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 176, 220);  
box-shadow:4px 4px 4px 4px rgb(234, 176,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7104, 0.3268, 0.2814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 176, 220) }
```

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

```
.background{ background-color: rgb(234,  
176, 220) }
```

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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