

Converting Colors

Yxy(53.2599, 0.3302, 0.2729)

Have a look what the booklet for
Yxy(53.2599, 0.3302, 0.2729)
contains.

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Color

Yxy(53.2084, 0.3299, 0.2730)

Conversions

Conversions Part 1

Format	Color
Hex	F1ABE0
RGB	241, 171, 224
RGB Percent	95%, 67%, 88%
CMY	0.0548, 0.3294, 0.1216
CMYK	0.00, 0.29, 0.07, 0.05
HSL	315°, 71%, 81%
HSV	315°, 29%, 95%
XYZ	64.2984, 53.2084, 77.3958
YIQ	197.9720, 24.7070, 31.3230

Conversions

Conversions Part 2

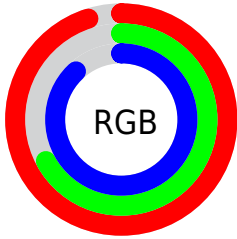
Format	Color
R_{YB}	241, 171, 224
Decimal	15838176
CIE _{Lab}	78.00, 33.76, -16.43
CIE _{LCh}	78, 37.545, 334.057
Yxy	53.2084, 0.3299, 0.2730
Android (android.graphics.Color)	4294028256 (0xFFFF1ABE0)
YUV	197.9720, 12.8318, 37.7356
Hunter-Lab	72.9441, 29.6910, -11.8476

Details

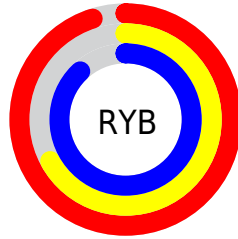
The Yxy color **53.2084, 0.3299, 0.2730** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **75.2155, 0.2992, 0.3925**, and the grayscale version is **56.3652, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4182, 0.3140, 0.3019**, and **26.0118, 0.3334, 0.2596** is the 20% darker color. If you saturate the color by 10%, you get **44.6082, 0.3376, 0.2536**, and if you desaturate by 10%, it is **63.4845, 0.3231, 0.2927**.

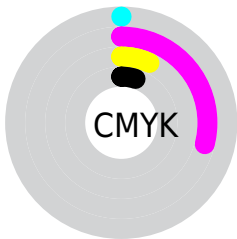
Distribution



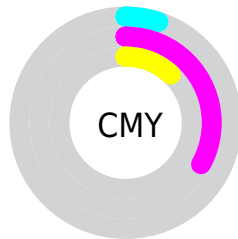
- Red (95%)
- Green (67%)
- Blue (88%)



- Red (95%)
- Yellow (67%)
- Blue (88%)



- Cyan (0%)
- Magenta (29%)
- Yellow (7%)
- Black (5%)




- Cyan (5%)
- Magenta (33%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2084, 0.3299, 0.2730 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 53.2084, 0.3299, 0.2730 by changing the saturation by 10% instead.


 53.2084, 0.3299,
0.2730

 53.2084, 0.3299,
0.2730

399.0842, 0.3221,
0.2990

 37.9692, 0.3316,
0.2670


 94.9110, 0.3272,
0.2821

 25.9588, 0.3338,
0.2597


122.1431, 0.3262,
0.2856

 16.7928, 0.3364,
0.2503


154.1416, 0.3253,
0.2886

 10.0869, 0.3398,
0.2381

191.2909, 0.3245,
0.2912

 5.4566, 0.3442,
0.2215

233.9754, 0.3238,
0.2935

 2.5176, 0.3502,
0.1978

282.5795, 0.3232,

 0.8854, 0.3585,

0.2956

0.1616

337.4877, 0.3226,
0.2974

0.0000, 0.4035,
0.0000

0.0000, 0.0000,
0.0000

53.2084, 0.3299,
0.2730

53.2084, 0.3299,
0.2730

44.6082, 0.3376,
0.2536

63.4845, 0.3231,
0.2927

37.5862, 0.3461,
0.2354

75.5128, 0.3173,
0.3121

32.0458, 0.3554,
0.2194

89.3737, 0.3123,
0.3307

27.8769, 0.3652,
0.2067

96.9681, 0.3084,
0.3364

■ 24.9536, 0.3751,
0.1981

■ 97.3367, 0.3051,
0.3306

■ 23.1272, 0.3850,
0.1943

■ 97.4453, 0.3042,
0.3290

■ 22.1717, 0.3944,
0.1950

■ 22.0993, 0.3953,
0.1951

Harmonies

Analogous

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



53.2084, 0.2801, 0.2532



53.2084, 0.3299, 0.2730



53.2084, 0.3783, 0.3053

Triad

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



53.2084, 0.3299, 0.2730



53.2084, 0.3840, 0.4121



53.2084, 0.2254, 0.3014

Complementary

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



53.2084, 0.3299, 0.2730



75.2155, 0.2992, 0.3925

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.



53.2084, 0.2490, 0.3504



53.2084, 0.3299, 0.2730



53.2084, 0.3397, 0.4194

Square

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



53.2084, 0.3299, 0.2730



53.2084, 0.4101, 0.3830



53.2084, 0.2903, 0.3965



53.2084, 0.2232, 0.2659

Rectangle

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



53.2084, 0.3299, 0.2730



53.2084, 0.4014, 0.3310



53.2084, 0.2903, 0.3965



53.2084, 0.2310, 0.3168

Sweetspot

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



53.2108, 0.3299, 0.2730



85.8670, 0.3173, 0.3122



46.0837, 0.2735, 0.2470



17.9245, 0.3181, 0.3094



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.



53.2108, 0.3299, 0.2730



54.3415, 0.3344, 0.2612



51.5327, 0.3600, 0.3087



15.9618, 0.3175, 0.3113



12.0034, 0.3938, 0.1943



1.0141, 0.3822, 0.1879

Inverse Universe

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



53.2108, 0.3299, 0.2730



54.3415, 0.3344, 0.2612



76.8762, 0.2804, 0.3505



15.9618, 0.3175, 0.3113



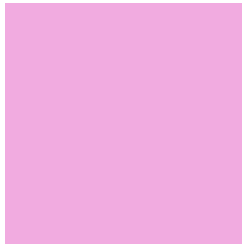
12.0034, 0.3938, 0.1943



1.0141, 0.3822, 0.1879

Previews

White Background



This preview shows how the Yxy color 53.2084, 0.3299, 0.2730 looks on a white background.

Color Contrast Check

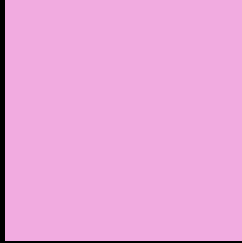
Large Text (above 18pt) WCAG AA × Fail

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 53.2084, 0.3299, 0.2730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

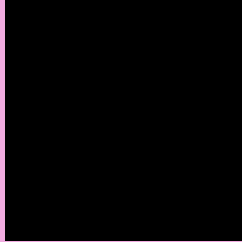
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2084, 0.3299, 0.2730

Background



This preview shows how black text looks on a background with the Yxy color 53.2084, 0.3299, 0.2730.



This preview shows how white text looks on a background with the Yxy color 53.2084, 0.3299, 0.2730.

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

53.2084, 0.3299, 0.2730

Protanopia

53.3797, 0.2735, 0.2736

Deuteranopia

53.3290, 0.2971, 0.2902



Tritanopia

53.2104, 0.3540, 0.3136

Trichromacy



Original Color

53.2084, 0.3299, 0.2730



Protanomaly

52.8607, 0.2916, 0.2730



Deuteranomaly

53.0260, 0.3083, 0.2836



Tritanomaly

53.1489, 0.3447, 0.2985

Monochromacy



Original Color

53.2084, 0.3299, 0.2730



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.7676, 0.3195, 0.3071

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2084, 0.3299, 0.2730 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(241, 171, 224)` looks like.

```
.text, #text, p{  
    color:rgb(241, 171, 224)  
}
```

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(241, 171, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 171, 224) }
```

Border

The CSS property to change the border of an element to Yxy 53.2084, 0.3299, 0.2730 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(241, 171, 224) }
```

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

```
.border{ border-color:rgb(241, 171, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 171, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 171, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 171, 224);  
box-shadow:4px 4px 4px 4px rgb(241, 171,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2084, 0.3299, 0.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 171, 224) }
```

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

```
.background{ background-color: rgb(241,  
171, 224) }
```

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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