

Converting Colors

Yxy(53.5711, 0.3292, 0.2857)

Have a look what the booklet for
Yxy(53.5711, 0.3292, 0.2857)
contains.

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Color

Yxy(53.3322, 0.3292, 0.2854)

Conversions

Conversions Part 1

Format	Color
Hex	E9B0D8
RGB	233, 176, 216
RGB Percent	91%, 69%, 85%
CMY	0.0864, 0.3097, 0.1529
CMYK	0.00, 0.24, 0.07, 0.09
HSL	318°, 56%, 80%
HSV	318°, 24%, 91%
XYZ	61.5170, 53.3322, 72.0190
YIQ	197.6030, 21.1320, 24.5240

Conversions

Conversions Part 2

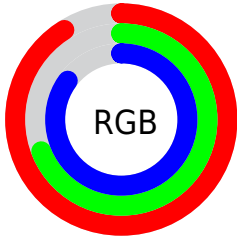
Format	Color
R _{YB}	233, 176, 216
Decimal	15315160
CIE Lab	78.07, 27.03, -12.07
CIE LCh	78, 29.597, 335.939
Yxy	53.3322, 0.3292, 0.2854
Android (android.graphics.Color)	4293505240 (0xFFE9B0D8)
YUV	197.6030, 9.0697, 31.0432
Hunter-Lab	73.0289, 22.5617, -7.3499

Details

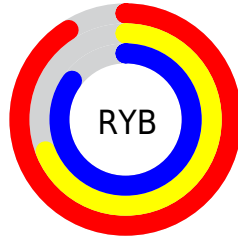
The Yxy color **53.3322, 0.3292, 0.2854** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **71.3429, 0.2994, 0.3770**, and the grayscale version is **56.1536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **26.0862, 0.3338, 0.2751** is the 20% darker color. If you saturate the color by 10%, you get **44.6166, 0.3379, 0.2671**, and if you desaturate by 10%, it is **63.6355, 0.3217, 0.3037**.

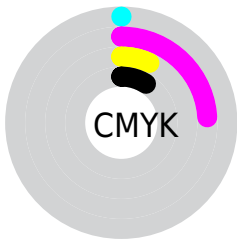
Distribution



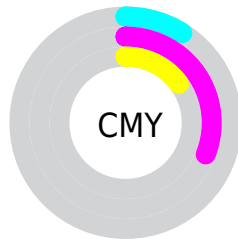
- Red (91%)
- Green (69%)
- Blue (85%)



- Red (91%)
- Yellow (69%)
- Blue (85%)



- Cyan (0%)
- Magenta (24%)
- Yellow (7%)
- Black (9%)




- Cyan (9%)
- Magenta (31%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3322, 0.3292, 0.2854 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 53.3322, 0.3292, 0.2854 by changing the saturation by 10% instead.


 53.3322, 0.3292,
0.2854

 53.3322, 0.3292,
0.2854

399.5583, 0.3215,
0.3059

 38.0680, 0.3310,
0.2806

 95.0930, 0.3265,
0.2926

 26.0355, 0.3332,
0.2747


122.3585, 0.3255,
0.2954

 16.8502, 0.3359,
0.2671


154.3931, 0.3246,
0.2977

 10.1277, 0.3396,
0.2571

191.5814, 0.3238,
0.2998

 5.4837, 0.3446,
0.2433

234.3076, 0.3231,
0.3016

 2.5338, 0.3518,
0.2230

282.9563, 0.3225,

 0.8935, 0.3629,

0.3032

0.1907

337.9117, 0.3220,
0.3047

0.0000, 0.4277,
0.0000

0.0000, 0.0000,
0.0000

53.3322, 0.3292,
0.2854

53.3322, 0.3292,
0.2854

44.6166, 0.3379,
0.2671

63.6355, 0.3217,
0.3037

37.4012, 0.3478,
0.2493

75.5938, 0.3152,
0.3214

31.6013, 0.3589,
0.2332

89.2794, 0.3098,
0.3382

27.1204, 0.3709,
0.2197

95.3561, 0.3056,
0.3402

■ 23.8502, 0.3835,
0.2100

■ 95.7852, 0.3017,
0.3332

■ 21.6648, 0.3962,
0.2048

■ 96.0586, 0.2993,
0.3290

■ 20.4105, 0.4087,
0.2047

■ 19.9832, 0.4155,
0.2062

Harmonies

Analogous

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



53.3322, 0.2894, 0.2685



53.3322, 0.3292, 0.2854



53.3322, 0.3664, 0.3124

Triad

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



53.3322, 0.3292, 0.2854



53.3322, 0.3678, 0.3959



53.3322, 0.2422, 0.3059

Complementary

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



53.3322, 0.3292, 0.2854



71.3429, 0.2994, 0.3770

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.



53.3322, 0.2605, 0.3437



53.3322, 0.3292, 0.2854



53.3322, 0.3324, 0.3988

Square

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



53.3322, 0.3292, 0.2854



53.3322, 0.3890, 0.3748



53.3322, 0.2931, 0.3793



53.3322, 0.2413, 0.2780

Rectangle

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



53.3322, 0.3292, 0.2854



53.3322, 0.3836, 0.3335



53.3322, 0.2931, 0.3793



53.3322, 0.2464, 0.3178

Sweetspot

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



53.3346, 0.3292, 0.2854



88.7975, 0.3168, 0.3169



48.1661, 0.2830, 0.2621



18.8101, 0.3172, 0.3158



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.



53.3346, 0.3292, 0.2854



60.2095, 0.3331, 0.2768



52.0228, 0.3529, 0.3153



15.2329, 0.3183, 0.3126



11.3650, 0.4137, 0.2052



0.9092, 0.3977, 0.1965

Inverse Universe

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



53.3346, 0.3292, 0.2854



60.2095, 0.3331, 0.2768



72.6941, 0.2835, 0.3433



15.2329, 0.3183, 0.3126



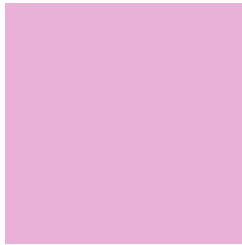
11.3650, 0.4137, 0.2052



0.9092, 0.3977, 0.1965

Previews

White Background



This preview shows how the Yxy color 53.3322, 0.3292, 0.2854 looks on a white background.

Color Contrast Check

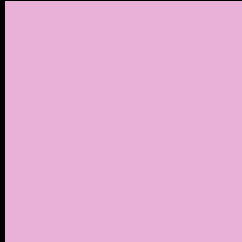
Large Text (above 18pt) WCAG AA × Fail

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 53.3322, 0.3292, 0.2854 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 53.3322, 0.3292, 0.2854

Background



This preview shows how black text looks on a background with the Yxy color 53.3322, 0.3292, 0.2854.



This preview shows how white text looks on a background with the Yxy color 53.3322, 0.3292, 0.2854.

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

53.3322, 0.3292, 0.2854

Protanopia

53.7551, 0.2848, 0.2885

Deuteranopia

53.5180, 0.3053, 0.2984



Tritanopia

53.3606, 0.3446, 0.3133

Trichromacy



Original Color

53.3322, 0.3292, 0.2854

Protanomaly

53.2291, 0.3003, 0.2872

Deuteranomaly

53.4834, 0.3136, 0.2935

Tritanomaly

53.4934, 0.3389, 0.3035

Monochromacy



Original Color

53.3322, 0.3292, 0.2854

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.0836, 0.3184, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3322, 0.3292, 0.2854 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, 176, 216)` looks like.

```
.text, #text, p{  
    color:rgb(233, 176, 216)  
}
```

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, 176, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 176, 216) }
```

Border

The CSS property to change the border of an element to Yxy 53.3322, 0.3292, 0.2854 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, 176, 216) }
```

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

```
.border{ border-color:rgb(233, 176, 216) }
```

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

Here you see how a box with a 4 pixel rgb(233, 176, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 176, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 176, 216);  
box-shadow:4px 4px 4px 4px rgb(233, 176,  
216) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 53.3322, 0.3292, 0.2854$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 176, 216) }
```

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

```
.background{ background-color: rgb(233,  
176, 216) }
```

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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