

Converting Colors

Yxy(53.7436, 0.3169, 0.2589)

Have a look what the booklet for
Yxy(53.7436, 0.3169, 0.2589)
contains.

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Color

Yxy(53.6496, 0.3168, 0.2591)

Conversions

Conversions Part 1

Format	Color
Hex	EFABEE
RGB	239, 171, 238
RGB Percent	94%, 67%, 93%
CMY	0.0627, 0.3294, 0.0665
CMYK	0.00, 0.28, 0.00, 0.06
HSL	301°, 68%, 80%
HSV	301°, 28%, 94%
XYZ	65.5970, 53.6496, 87.8147
YIQ	198.9700, 19.0210, 35.2530

Conversions

Conversions Part 2

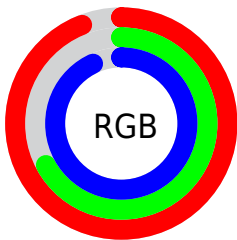
Format	Color
R _Y B	239, 171, 238
Decimal	15707118
CIE Lab	78.26, 35.58, -23.65
CIE LCh	78, 42.725, 326.385
Yxy	53.6496, 0.3168, 0.2591
Android (android.graphics.Color)	4293897198 (0xFFEFABEE)
YUV	198.9700, 19.2418, 35.1063
Hunter-Lab	73.2459, 31.6795, -19.8108

Details

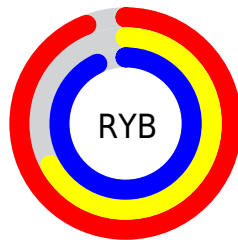
The Yxy color **53.6496, 0.3168, 0.2591** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **73.3705, 0.3083, 0.4105**, and the grayscale version is **56.9675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4182, 0.3140, 0.3019**, and **26.2793, 0.3167, 0.2433** is the 20% darker color. If you saturate the color by 10%, you get **45.4047, 0.3183, 0.2352**, and if you desaturate by 10%, it is **63.5316, 0.3153, 0.2838**.

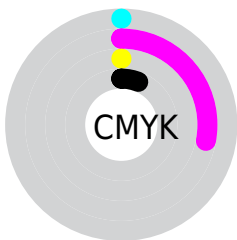
Distribution



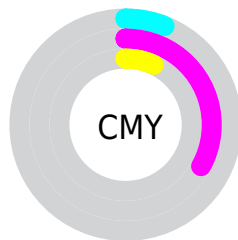
- Red (94%)
- Green (67%)
- Blue (93%)



- Red (94%)
- Yellow (67%)
- Blue (93%)



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)
- Black (6%)




- Cyan (6%)
- Magenta (33%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6496, 0.3168, 0.2591 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 53.6496, 0.3168, 0.2591 by changing the saturation by 10% instead.

 53.6496, 0.3168,
0.2591

 53.6496, 0.3168,
0.2591


400.7724, 0.3156,
0.2912

 38.3216, 0.3169,
0.2519


 95.5596, 0.3165,
0.2701

 26.2324, 0.3169,
0.2430


122.9103, 0.3164,
0.2745

 16.9976, 0.3168,
0.2319


155.0374, 0.3162,
0.2782

 10.2328, 0.3164,
0.2176

192.3253, 0.3161,
0.2814

 5.5536, 0.3153,
0.1986

235.1584, 0.3160,
0.2843

 2.5756, 0.3128,
0.1722

283.9210, 0.3158,

 0.9144, 0.3065,

0.2868

0.1339

338.9975, 0.3157,
0.2891

0.0000, 0.3097,
0.0000

0.0000, 0.0000,
0.0000

53.6496, 0.3168,
0.2591

53.6496, 0.3168,
0.2591

45.4047, 0.3183,
0.2352

63.5316, 0.3153,
0.2838

38.7018, 0.3197,
0.2132

75.1252, 0.3139,
0.3086

33.4470, 0.3210,
0.1939

88.5085, 0.3125,
0.3327

29.5332, 0.3222,
0.1783

96.1269, 0.3117,
0.3445

■ 26.8385, 0.3232,
0.1668

■ 96.1471, 0.3116,
0.3441

■ 25.2189, 0.3239,
0.1597

■ 96.1673, 0.3114,
0.3438

■ 24.4679, 0.3245,
0.1565

■ 96.1875, 0.3112,
0.3434

■ 24.3846, 0.3246,
0.1562

■ 96.2078, 0.3110,
0.3431

■ 96.2281, 0.3108,
0.3428

Harmonies

Analogous

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



53.6496, 0.2631, 0.2413



53.6496, 0.3168, 0.2591



53.6496, 0.3743, 0.2919

Triad

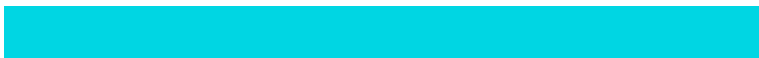
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.6496, 0.3168, 0.2591



53.6496, 0.4029, 0.4155



53.6496, 0.2192, 0.3103

Complementary

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



53.6496, 0.3168, 0.2591



73.3705, 0.3083, 0.4105

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.



53.6496, 0.2508, 0.3680



53.6496, 0.3168, 0.2591



53.6496, 0.3565, 0.4329

Square

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



53.6496, 0.3168, 0.2591



53.6496, 0.4258, 0.3781



53.6496, 0.3007, 0.4165



53.6496, 0.2108, 0.2655

Rectangle

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



53.6496, 0.3168, 0.2591



53.6496, 0.4049, 0.3193



53.6496, 0.3007, 0.4165



53.6496, 0.2272, 0.3289

Sweetspot

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



53.6520, 0.3168, 0.2591



86.2004, 0.3140, 0.3072



44.0153, 0.2628, 0.2464



18.0072, 0.3142, 0.3036



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.



53.6520, 0.3168, 0.2591



56.5170, 0.3176, 0.2454



51.8846, 0.3445, 0.2921



16.0273, 0.3140, 0.3061



13.4767, 0.3245, 0.1561



1.1224, 0.3240, 0.1558

Inverse Universe

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



53.6520, 0.3168, 0.2591



56.5170, 0.3176, 0.2454



74.8011, 0.2897, 0.3692



16.0273, 0.3140, 0.3061



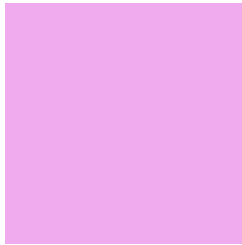
13.4767, 0.3245, 0.1561



1.1224, 0.3240, 0.1558

Previews

White Background



This preview shows how the Yxy color 53.6496, 0.3168, 0.2591 looks on a white background.

Color Contrast Check

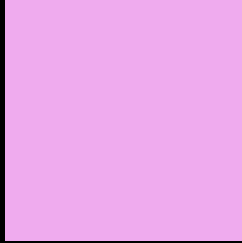
Large Text (above 18pt) WCAG AA × Fail

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 53.6496, 0.3168, 0.2591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

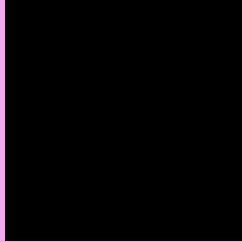
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6496, 0.3168, 0.2591

Background



This preview shows how black text looks on a background with the Yxy color 53.6496, 0.3168, 0.2591.



This preview shows how white text looks on a background with the Yxy color 53.6496, 0.3168, 0.2591.

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

53.6496, 0.3168, 0.2591

Protanopia

54.2561, 0.2620, 0.2587

Deuteranopia

54.0315, 0.2824, 0.2767



Tritanopia

53.8164, 0.3481, 0.3146

Trichromacy



Original Color

53.6496, 0.3168, 0.2591



Protanomaly

53.3377, 0.2793, 0.2573



Deuteranomaly

53.4784, 0.2941, 0.2695



Tritanomaly

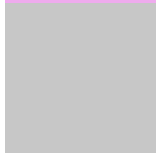
53.7099, 0.3367, 0.2941

Monochromacy



Original Color

53.6496, 0.3168, 0.2591



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.4954, 0.3148, 0.3015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6496, 0.3168, 0.2591 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(239, 171, 238)` looks like.

```
.text, #text, p{  
    color:rgb(239, 171, 238)  
}
```

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(239, 171, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 171, 238) }
```

Border

The CSS property to change the border of an element to Yxy 53.6496, 0.3168, 0.2591 is called "border". The border property can be set on classes, ids or directly on the HTML element.

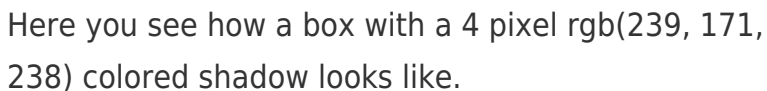
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 171, 238) }
```

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

```
.border{ border-color:rgb(239, 171, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(239, 171, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 171, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 171, 238); box-shadow:4px 4px 4px 4px rgb(239, 171, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6496, 0.3168, 0.2591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 171, 238) }
```

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

```
.background{ background-color: rgb(239,  
171, 238) }
```

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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