

Converting Colors

Yxy(55.8477, 0.3199, 0.2793)

Have a look what the booklet for
Yxy(55.8477, 0.3199, 0.2793)
contains.

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Color

Yxy(55.9174, 0.3200, 0.2796)

Conversions

Conversions Part 1

Format	Color
Hex	E9B5E3
RGB	233, 181, 227
RGB Percent	91%, 71%, 89%
CMY	0.0862, 0.2902, 0.1099
CMYK	0.00, 0.22, 0.03, 0.09
HSL	307°, 54%, 81%
HSV	307°, 22%, 91%
XYZ	63.9970, 55.9174, 80.0763
YIQ	201.7920, 16.2260, 25.3300

Conversions

Conversions Part 2

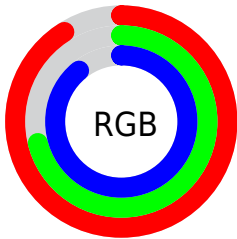
Format	Color
R _Y B	233, 181, 227
Decimal	15316451
CIE Lab	79.57, 26.31, -15.76
CIE LCh	80, 30.670, 329.084
Yxy	55.9174, 0.3200, 0.2796
Android (android.graphics.Color)	4293506531 (0xFFE9B5E3)
YUV	201.7920, 12.4275, 27.3694
Hunter-Lab	74.7779, 21.9038, -11.1464

Details

The Yxy color $55.9174, 0.3200, 0.2796$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $71.7068, 0.3062, 0.3840$, and the grayscale version is $58.8419, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0484, 0.3135, 0.3117$, and $27.7640, 0.3211, 0.2677$ is the 20% darker color. If you saturate the color by 10%, you get $47.0744, 0.3239, 0.2572$, and if you desaturate by 10%, it is $66.3525, 0.3165, 0.3021$.

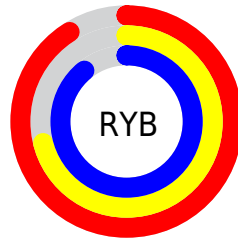
Distribution



Red (91%)

Green (71%)

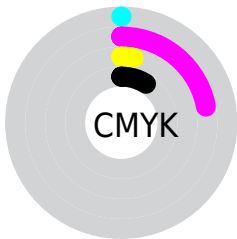
Blue (89%)



Red (91%)

Yellow (71%)

Blue (89%)

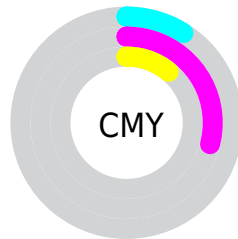


Cyan (0%)

Magenta (22%)

Yellow (3%)

Black (9%)



Cyan (9%)


Magenta (29%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9174, 0.3200, 0.2796 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 55.9174, 0.3200, 0.2796 by changing the saturation by 10% instead.


 55.9174, 0.3200,
0.2796

 55.9174, 0.3200,
0.2796


409.3801, 0.3169,
0.3026

 40.1367, 0.3206,
0.2743


 98.8838, 0.3190,
0.2876

 27.6451, 0.3214,
0.2678


126.8383, 0.3186,
0.2907

 18.0583, 0.3223,
0.2596


159.6195, 0.3182,
0.2933

 10.9919, 0.3233,
0.2488

197.6118, 0.3179,
0.2957

 6.0614, 0.3246,
0.2342

241.1996, 0.3176,
0.2977

 2.8824, 0.3259,
0.2132

290.7674, 0.3173,

 1.0707, 0.3267,

0.2995

0.1808

346.6994, 0.3171,
0.3011

0.0000, 0.3619,
0.0000

0.0000, 0.0000,
0.0000

55.9174, 0.3200,
0.2796

55.9174, 0.3200,
0.2796

47.0744, 0.3239,
0.2572

66.3525, 0.3165,
0.3021

39.7373, 0.3281,
0.2357

78.4457, 0.3134,
0.3240

33.8232, 0.3325,
0.2160

92.2681, 0.3107,
0.3450

29.2378, 0.3371,
0.1991

95.0105, 0.3090,
0.3462

■ 25.8758, 0.3417,
0.1860

■ 95.1708, 0.3074,
0.3435

■ 23.6158, 0.3460,
0.1771

■ 95.3336, 0.3059,
0.3407

■ 22.3116, 0.3501,
0.1728

■ 95.4987, 0.3044,
0.3380

■ 21.7812, 0.3531,
0.1719

■ 95.6663, 0.3029,
0.3353

■ 95.8363, 0.3014,
0.3326

Harmonies

Analogous

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



55.9174, 0.2806, 0.2653



55.9174, 0.3200, 0.2796



55.9174, 0.3597, 0.3051

Triad

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



55.9174, 0.3200, 0.2796



55.9174, 0.3754, 0.3936



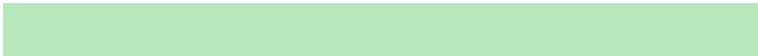
55.9174, 0.2436, 0.3136

Complementary

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



55.9174, 0.3200, 0.2796



71.7068, 0.3062, 0.3840

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.



55.9174, 0.2660, 0.3530



55.9174, 0.3200, 0.2796



55.9174, 0.3417, 0.4016

Square

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



55.9174, 0.3200, 0.2796



55.9174, 0.3926, 0.3690



55.9174, 0.3016, 0.3868



55.9174, 0.2386, 0.2822

Rectangle

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



55.9174, 0.3200, 0.2796



55.9174, 0.3800, 0.3260



55.9174, 0.3016, 0.3868



55.9174, 0.2493, 0.3264

Sweetspot

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



55.9199, 0.3200, 0.2796



89.0023, 0.3148, 0.3138



49.3958, 0.2788, 0.2672



18.8576, 0.3150, 0.3125



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.



55.9199, 0.3200, 0.2796



63.1561, 0.3218, 0.2688



54.6303, 0.3405, 0.3060



15.2818, 0.3156, 0.3084



12.3678, 0.3525, 0.1716



0.9797, 0.3476, 0.1688

Inverse Universe

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



55.9199, 0.3200, 0.2796



63.1561, 0.3218, 0.2688



72.8813, 0.2914, 0.3532



15.2818, 0.3156, 0.3084



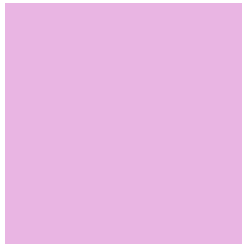
12.3678, 0.3525, 0.1716



0.9797, 0.3476, 0.1688

Previews

White Background



This preview shows how the Yxy color 55.9174, 0.3200, 0.2796 looks on a white background.

Color Contrast Check

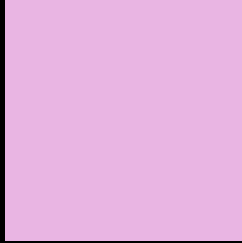
Large Text (above 18pt) WCAG AA × Fail

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 55.9174, 0.3200, 0.2796 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 55.9174, 0.3200, 0.2796

Background



This preview shows how black text looks on a background with the Yxy color 55.9174, 0.3200, 0.2796.



This preview shows how white text looks on a background with the Yxy color 55.9174, 0.3200, 0.2796.

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

55.9174, 0.3200, 0.2796

Protanopia

56.4131, 0.2794, 0.2814

Deuteranopia

55.9729, 0.2981, 0.2910



Tritanopia

55.9460, 0.3378, 0.3134

Trichromacy



Original Color

55.9174, 0.3200, 0.2796

Protanomaly

56.1239, 0.2933, 0.2814

Deuteranomaly

55.9045, 0.3060, 0.2863

Tritanomaly

55.7571, 0.3307, 0.3003

Monochromacy



Original Color

55.9174, 0.3200, 0.2796

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.4329, 0.3152, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9174, 0.3200, 0.2796 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, 181, 227)` looks like.

```
.text, #text, p{  
    color:rgb(233, 181, 227)  
}
```

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, 181, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 181, 227) }
```

Border

The CSS property to change the border of an element to Yxy 55.9174, 0.3200, 0.2796 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, 181, 227) }
```

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

```
.border{ border-color:rgb(233, 181, 227) }
```

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

Here you see how a box with a 4 pixel rgb(233, 181, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 181, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 181, 227);  
box-shadow:4px 4px 4px 4px rgb(233, 181,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9174, 0.3200, 0.2796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 181, 227) }
```

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

```
.background{ background-color: rgb(233,  
181, 227) }
```

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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