

Converting Colors

Yxy(55.9351, 0.3261, 0.2800)

Have a look what the booklet for
Yxy(55.9351, 0.3261, 0.2800)
contains.

Yxy(55.8536, 0.3258, 0.2801)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.8536, 0.3258, 0.2801)

Conversions

Conversions Part 1

Format	Color
Hex	EEB3E1
RGB	238, 179, 225
RGB Percent	93%, 70%, 88%
CMY	0.0667, 0.2980, 0.1177
CMYK	0.00, 0.25, 0.05, 0.07
HSL	313°, 63%, 82%
HSV	313°, 25%, 93%
XYZ	64.9665, 55.8536, 78.5859
YIQ	201.8850, 20.3980, 26.8140

Conversions

Conversions Part 2

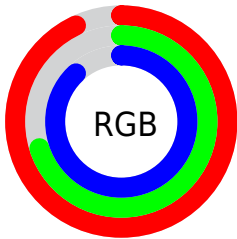
Format	Color
R _Y B	238, 179, 225
Decimal	15643617
CIE Lab	79.53, 28.67, -14.69
CIE LCh	80, 32.217, 332.866
Yxy	55.8536, 0.3258, 0.2801
Android (android.graphics.Color)	4293833697 (0xFFEEB3E1)
YUV	201.8850, 11.3957, 31.6729
Hunter-Lab	74.7353, 24.3811, -10.0301

Details

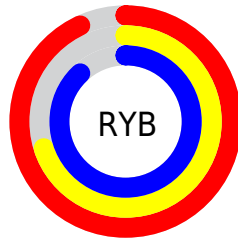
The Yxy color **55.8536, 0.3258, 0.2801** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.5331, 0.3019, 0.3834**, and the grayscale version is **58.9065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **27.6477, 0.3279, 0.2684** is the 20% darker color. If you saturate the color by 10%, you get **46.8430, 0.3325, 0.2600**, and if you desaturate by 10%, it is **66.5242, 0.3199, 0.3003**.

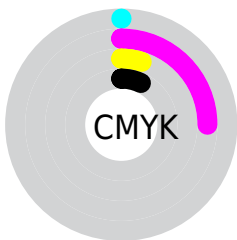
Distribution



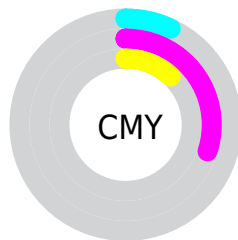
- Red (93%)
- Green (70%)
- Blue (88%)



- Red (93%)
- Yellow (70%)
- Blue (88%)



- Cyan (0%)
- Magenta (25%)
- Yellow (5%)
- Black (7%)





- Cyan (7%)
- Magenta (30%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8536, 0.3258, 0.2801 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 55.8536, 0.3258, 0.2801 by changing the saturation by 10% instead.


 55.8536, 0.3258,
0.2801

 55.8536, 0.3258,
0.2801


409.1395, 0.3199,
0.3028

 40.0856, 0.3271,
0.2749


 98.7905, 0.3238,
0.2880

 27.6053, 0.3287,
0.2685


126.7281, 0.3230,
0.2911

 18.0283, 0.3307,
0.2603


159.4911, 0.3223,
0.2937

 10.9703, 0.3332,
0.2497

197.4638, 0.3217,
0.2960

 6.0469, 0.3365,
0.2351

241.0306, 0.3212,
0.2980

 2.8736, 0.3409,
0.2143

290.5759, 0.3207,

 1.0661, 0.3469,

0.2998

0.1822

346.4841, 0.3203,
0.3014

0.0000, 0.4013,
0.0000

0.0000, 0.0000,
0.0000

55.8536, 0.3258,
0.2801

55.8536, 0.3258,
0.2801

46.8430, 0.3325,
0.2600

66.5242, 0.3199,
0.3003

39.4003, 0.3399,
0.2407

78.9260, 0.3149,
0.3199

33.4359, 0.3480,
0.2233

93.1349, 0.3105,
0.3386

28.8479, 0.3566,
0.2086

96.3468, 0.3074,
0.3379

■ 25.5218, 0.3655,
0.1978

■ 96.6734, 0.3044,
0.3327

■ 23.3242, 0.3743,
0.1915

■ 96.9150, 0.3023,
0.3290

■ 22.0917, 0.3828,
0.1900

■ 21.7012, 0.3871,
0.1906

Harmonies

Analogous

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



55.8536, 0.2837, 0.2635



55.8536, 0.3258, 0.2801



55.8536, 0.3667, 0.3078

Triad

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



55.8536, 0.3258, 0.2801



55.8536, 0.3748, 0.3989



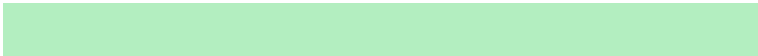
55.8536, 0.2386, 0.3078

Complementary

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



55.8536, 0.3258, 0.2801



74.5331, 0.3019, 0.3834

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.



55.8536, 0.2598, 0.3490



55.8536, 0.3258, 0.2801



55.8536, 0.3378, 0.4049

Square

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



55.8536, 0.3258, 0.2801



55.8536, 0.3956, 0.3746



55.8536, 0.2958, 0.3864



55.8536, 0.2358, 0.2767

Rectangle

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



55.8536, 0.3258, 0.2801



55.8536, 0.3865, 0.3300



55.8536, 0.2958, 0.3864



55.8536, 0.2437, 0.3209

Sweetspot

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



55.8561, 0.3258, 0.2801



88.8845, 0.3159, 0.3156



49.5966, 0.2795, 0.2604



18.8303, 0.3162, 0.3144



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.



55.8561, 0.3258, 0.2801



59.4817, 0.3293, 0.2693



54.3930, 0.3503, 0.3108



15.9683, 0.3172, 0.3108



12.1287, 0.3859, 0.1899



1.0235, 0.3756, 0.1843

Inverse Universe

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



55.8561, 0.3258, 0.2801



59.4817, 0.3293, 0.2693



75.9623, 0.2853, 0.3481



15.9683, 0.3172, 0.3108



12.1287, 0.3859, 0.1899



1.0235, 0.3756, 0.1843

Previews

White Background



This preview shows how the Yxy color 55.8536, 0.3258, 0.2801 looks on a white background.

Color Contrast Check

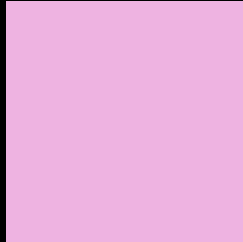
Large Text (above 18pt) WCAG AA × Fail

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 55.8536, 0.3258, 0.2801 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 55.8536, 0.3258, 0.2801

Background



This preview shows how black text looks on a background with the Yxy color 55.8536, 0.3258, 0.2801.



This preview shows how white text looks on a background with the Yxy color 55.8536, 0.3258, 0.2801.

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

55.8536, 0.3258, 0.2801

Protanopia

56.3548, 0.2800, 0.2825

Deuteranopia

56.0061, 0.3003, 0.2933



Tritanopia

55.8506, 0.3440, 0.3136

Trichromacy



Original Color

55.8536, 0.3258, 0.2801



Protanomaly

55.9185, 0.2955, 0.2815



Deuteranomaly

55.6742, 0.3090, 0.2875



Tritanomaly

55.6721, 0.3368, 0.3006

Monochromacy



Original Color

55.8536, 0.3258, 0.2801



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.6838, 0.3176, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8536, 0.3258, 0.2801 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(238, 179, 225)` looks like.

```
.text, #text, p{  
    color:rgb(238, 179, 225)  
}
```

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(238, 179, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 179, 225) }
```

Border

The CSS property to change the border of an element to Yxy 55.8536, 0.3258, 0.2801 is called "border". The border property can be set on classes, ids or directly on the HTML element.

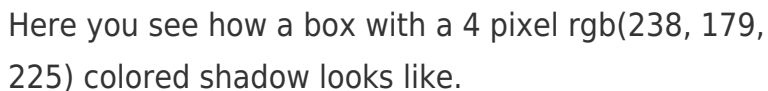
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 179, 225) }
```

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

```
.border{ border-color:rgb(238, 179, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 179, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 179, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 179, 225); box-shadow:4px 4px 4px 4px rgb(238, 179, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8536, 0.3258, 0.2801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 179, 225) }
```

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

```
.background{ background-color: rgb(238,  
179, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor