

Converting Colors

$Yxy(55.2567, 0.3338, 0.2899)$

Have a look what the booklet for
Yxy(55.2567, 0.3338, 0.2899)
contains.

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Color

Yxy(55.3236, 0.3340, 0.2903)

Conversions

Conversions Part 1

Format	Color
Hex	EEB3D7
RGB	238, 179, 215
RGB Percent	93%, 70%, 84%
CMY	0.0665, 0.2981, 0.1569
CMYK	0.00, 0.25, 0.10, 0.07
HSL	323°, 64%, 82%
HSV	323°, 25%, 93%
XYZ	63.6517, 55.3236, 71.5986
YIQ	200.7450, 23.6080, 23.7040

Conversions

Conversions Part 2

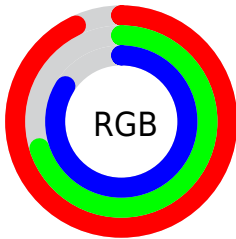
Format	Color
R _Y B	238, 179, 215
Decimal	15643607
CIE Lab	79.23, 26.99, -9.73
CIE LCh	79, 28.688, 340.167
Yxy	55.3236, 0.3340, 0.2903
Android (android.graphics.Color)	4293833687 (0xFFEEB3D7)
YUV	200.7450, 7.0277, 32.6726
Hunter-Lab	74.3798, 22.5894, -5.0071

Details

The Yxy color $55.3236, 0.3340, 0.2903$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $75.0186, 0.2961, 0.3712$, and the grayscale version is $58.1893, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.8967, 0.3136, 0.3097$, and $27.2835, 0.3390, 0.2815$ is the 20% darker color. If you saturate the color by 10%, you get $46.1301, 0.3454, 0.2741$, and if you desaturate by 10%, it is $66.1960, 0.3243, 0.3064$.

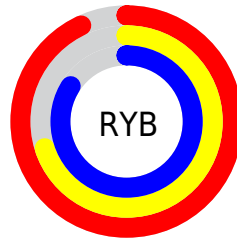
Distribution



Red (93%)

Green (70%)

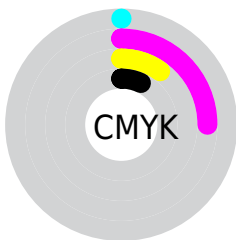
Blue (84%)



Red (93%)

Yellow (70%)

Blue (84%)

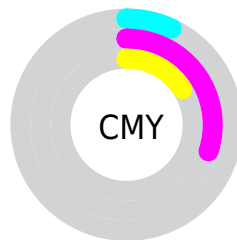


Cyan (0%)

Magenta (25%)

Yellow (10%)

Black (7%)



Cyan (7%)


Magenta (30%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3236, 0.3340, 0.2903 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 55.3236, 0.3340, 0.2903 by changing the saturation by 10% instead.


 55.3236, 0.3340,
0.2903

 55.3236, 0.3340,
0.2903


407.1374, 0.3240,
0.3085

 39.6609, 0.3363,
0.2861


 98.0149, 0.3305,
0.2967

 27.2742, 0.3393,
0.2808


125.8123, 0.3291,
0.2991

 17.7793, 0.3430,
0.2741


158.4233, 0.3280,
0.3012

 10.7916, 0.3480,
0.2653

196.2324, 0.3269,
0.3031

 5.9269, 0.3549,
0.2530

239.6240, 0.3261,
0.3047

 2.8007, 0.3650,
0.2351

288.9824, 0.3253,

 1.0286, 0.3816,

0.3061

0.2064

344.6921, 0.3246,
0.3074

0.0000, 0.4958,
0.0000

0.0000, 0.0000,
0.0000

55.3236, 0.3340,
0.2903

55.3236, 0.3340,
0.2903

46.1301, 0.3454,
0.2741

66.1960, 0.3243,
0.3064

38.5231, 0.3586,
0.2585

78.8190, 0.3161,
0.3219

32.4124, 0.3736,
0.2443

93.2687, 0.3093,
0.3365

27.6959, 0.3901,
0.2326

96.7415, 0.3039,
0.3318

■ 24.2583, 0.4077,
0.2248

■ 96.9231, 0.3024,
0.3290

■ 21.9657, 0.4258,
0.2217

■ 20.6542, 0.4436,
0.2240

■ 20.2299, 0.4527,
0.2268

Harmonies

Analogous

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



55.3236, 0.2956, 0.2724



55.3236, 0.3340, 0.2903



55.3236, 0.3682, 0.3173

Triad

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



55.3236, 0.3340, 0.2903



55.3236, 0.3614, 0.3947



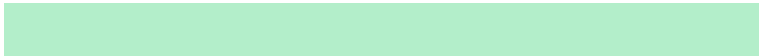
55.3236, 0.2438, 0.3025

Complementary

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



55.3236, 0.3340, 0.2903



75.0186, 0.2961, 0.3712

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.



55.3236, 0.2593, 0.3378



55.3236, 0.3340, 0.2903



55.3236, 0.3264, 0.3943

Square

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



55.3236, 0.3340, 0.2903



55.3236, 0.3841, 0.3766



55.3236, 0.2890, 0.3729



55.3236, 0.2455, 0.2775

Rectangle

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



55.3236, 0.3340, 0.2903



55.3236, 0.3829, 0.3379



55.3236, 0.2890, 0.3729



55.3236, 0.2471, 0.3135

Sweetspot

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



55.3261, 0.3340, 0.2903



88.6944, 0.3178, 0.3185



50.9173, 0.2869, 0.2617



18.7862, 0.3183, 0.3176



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.



55.3261, 0.3340, 0.2903



58.7433, 0.3398, 0.2817



53.9610, 0.3589, 0.3215



15.9207, 0.3198, 0.3147



11.3087, 0.4501, 0.2253



0.9602, 0.4284, 0.2134

Inverse Universe

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



55.3261, 0.3340, 0.2903



58.7433, 0.3398, 0.2817



76.5298, 0.2799, 0.3367



15.9207, 0.3198, 0.3147



11.3087, 0.4501, 0.2253



0.9602, 0.4284, 0.2134

Previews

White Background



This preview shows how the Yxy color 55.3236, 0.3340, 0.2903 looks on a white background.

Color Contrast Check

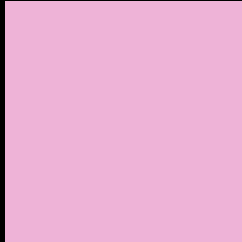
Large Text (above 18pt) WCAG AA × Fail

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 55.3236, 0.3340, 0.2903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

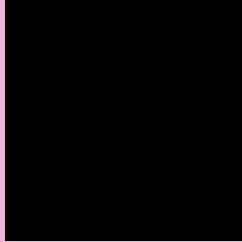
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3236, 0.3340, 0.2903

Background



This preview shows how black text looks on a background with the Yxy color 55.3236, 0.3340, 0.2903.



This preview shows how white text looks on a background with the Yxy color 55.3236, 0.3340, 0.2903.

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

55.3236, 0.3340, 0.2903

Protanopia

55.5428, 0.2885, 0.2935

Deuteranopia

55.4756, 0.3099, 0.3035



Tritanopia

55.2743, 0.3478, 0.3137

Trichromacy



Original Color

55.3236, 0.3340, 0.2903



Protanomaly

55.0255, 0.3041, 0.2922



Deuteranomaly

55.4558, 0.3182, 0.2985



Tritanomaly

55.3641, 0.3429, 0.3050

Monochromacy



Original Color

55.3236, 0.3340, 0.2903



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.8923, 0.3198, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3236, 0.3340, 0.2903 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(238, 179, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 179, 215) }
```

Border

The CSS property to change the border of an element to Yxy 55.3236, 0.3340, 0.2903 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, 215) }
```

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

```
.border{ border-color:rgb(238, 179, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 179, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 179, 215);  
box-shadow:4px 4px 4px 4px rgb(238, 179,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3236, 0.3340, 0.2903 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, 215) }
```

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

```
.background{ background-color: rgb(238,  
179, 215) }
```

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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