

Converting Colors

Yxy(55.6137, 0.3197, 0.2965)

Have a look what the booklet for
Yxy(55.6137, 0.3197, 0.2965)
contains.

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Color

Yxy(55.5537, 0.3200, 0.2965)

Conversions

Conversions Part 1

Format	Color
Hex	DEBAD7
RGB	222, 186, 215
RGB Percent	87%, 73%, 84%
CMY	0.1293, 0.2706, 0.1568
CMYK	0.00, 0.16, 0.03, 0.13
HSL	312°, 35%, 80%
HSV	312°, 16%, 87%
XYZ	59.9568, 55.5537, 71.8544
YIQ	200.0700, 12.1470, 16.6510

Conversions

Conversions Part 2

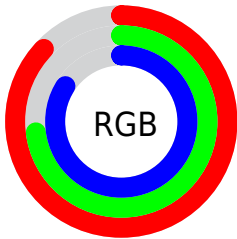
Format	Color
R _{YB}	222, 186, 215
Decimal	14596823
CIE _{Lab}	79.36, 17.78, -9.71
CIE _{LCh}	79, 20.264, 331.359
Yxy	55.5537, 0.3200, 0.2965
Android (android.graphics.Color)	4292786903 (0xFFDEBAD7)
YUV	200.0700, 7.3605, 19.2326
Hunter-Lab	74.5344, 13.1535, -4.9842

Details

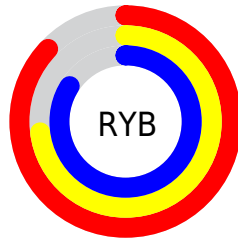
The Yxy color $55.5537, 0.3200, 0.2965$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $66.5506, 0.3062, 0.3638$, and the grayscale version is $57.7556, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.9843, 0.3133, 0.3165$, and $27.5286, 0.3223, 0.2893$ is the 20% darker color. If you saturate the color by 10%, you get $46.6972, 0.3254, 0.2758$, and if you desaturate by 10%, it is $65.8745, 0.3153, 0.3168$.

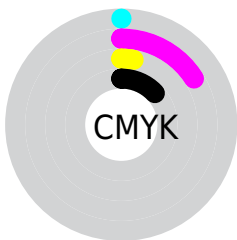
Distribution



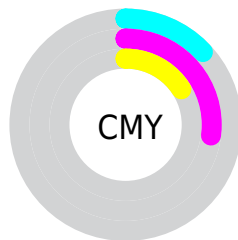
- Red (87%)
- Green (73%)
- Blue (84%)



- Red (87%)
- Yellow (73%)
- Blue (84%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5537, 0.3200, 0.2965 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 55.5537, 0.3200, 0.2965 by changing the saturation by 10% instead.


 55.5537, 0.3200,
0.2965

 55.5537, 0.3200,
0.2965

408.0074, 0.3167,
0.3119

 39.8452, 0.3208,
0.2929


 98.3517, 0.3188,
0.3019

 27.4179, 0.3217,
0.2884


126.2101, 0.3184,
0.3040

 17.8873, 0.3229,
0.2827


158.8872, 0.3180,
0.3058

 10.8691, 0.3244,
0.2751

196.7674, 0.3177,
0.3073

 5.9789, 0.3264,
0.2645

240.2351, 0.3174,
0.3087

 2.8322, 0.3292,
0.2488

289.6747, 0.3171,

 1.0448, 0.3334,

0.3099

0.2231

345.4707, 0.3169,
0.3109

0.0000, 0.3786,
0.0000

0.0000, 0.0000,
0.0000

55.5537, 0.3200,
0.2965

55.5537, 0.3200,
0.2965

46.6972, 0.3254,
0.2758

65.8745, 0.3153,
0.3168

39.2307, 0.3314,
0.2553

77.7150, 0.3113,
0.3362

33.0845, 0.3381,
0.2358

91.1365, 0.3078,
0.3545

28.1798, 0.3454,
0.2183

92.9001, 0.3053,
0.3523

■ 24.4295, 0.3530,
0.2038

■ 93.1498, 0.3029,
0.3478

■ 21.7352, 0.3607,
0.1932

■ 93.4056, 0.3005,
0.3433

■ 19.9820, 0.3682,
0.1871

■ 93.6676, 0.2981,
0.3388

■ 19.0263, 0.3755,
0.1856

■ 93.9357, 0.2958,
0.3344

■ 18.7784, 0.3782,
0.1857

■ 94.2101, 0.2934,
0.3300

Harmonies

Analogous

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



55.5537, 0.2934, 0.2861



55.5537, 0.3200, 0.2965



55.5537, 0.3456, 0.3147

Triad

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



55.5537, 0.3200, 0.2965



55.5537, 0.3533, 0.3730



55.5537, 0.2654, 0.3177

Complementary

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



55.5537, 0.3200, 0.2965



66.5506, 0.3062, 0.3638

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.



55.5537, 0.2802, 0.3430



55.5537, 0.3200, 0.2965



55.5537, 0.3306, 0.3761

Square

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



55.5537, 0.3200, 0.2965



55.5537, 0.3652, 0.3582



55.5537, 0.3038, 0.3650



55.5537, 0.2628, 0.2971

Rectangle

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



55.5537, 0.3200, 0.2965



55.5537, 0.3582, 0.3294



55.5537, 0.3038, 0.3650



55.5537, 0.2691, 0.3260

Sweetspot

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



55.5561, 0.3200, 0.2965



91.9740, 0.3148, 0.3191



51.6753, 0.2914, 0.2861



19.4540, 0.3151, 0.3177



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.



55.5561, 0.3200, 0.2965



72.2940, 0.3215, 0.2905



54.6995, 0.3340, 0.3160



13.8874, 0.3167, 0.3103



11.1660, 0.3772, 0.1851



0.7858, 0.3669, 0.1795

Inverse Universe

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



55.5561, 0.3200, 0.2965



72.2940, 0.3215, 0.2905



67.3835, 0.2952, 0.3424



13.8874, 0.3167, 0.3103



11.1660, 0.3772, 0.1851



0.7858, 0.3669, 0.1795

Previews

White Background



This preview shows how the Yxy color 55.5537, 0.3200, 0.2965 looks on a white background.

Color Contrast Check

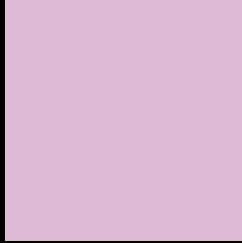
Large Text (above 18pt) WCAG AA × Fail

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 55.5537, 0.3200, 0.2965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

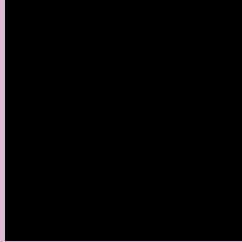
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5537, 0.3200, 0.2965

Background



This preview shows how black text looks on a background with the Yxy color 55.5537, 0.3200, 0.2965.



This preview shows how white text looks on a background with the Yxy color 55.5537, 0.3200, 0.2965.

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

55.5537, 0.3200, 0.2965

Protanopia

55.5881, 0.2927, 0.2982

Deuteranopia

55.5265, 0.3092, 0.3023



Tritanopia

55.4939, 0.3276, 0.3119

Trichromacy



Original Color

55.5537, 0.3200, 0.2965

Protanomaly

55.6511, 0.3024, 0.2976

Deuteranomaly

55.3964, 0.3133, 0.3004

Tritanomaly

55.4178, 0.3253, 0.3064

Monochromacy



Original Color

55.5537, 0.3200, 0.2965

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.8479, 0.3156, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5537, 0.3200, 0.2965 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(222, 186, 215)` looks like.

```
.text, #text, p{  
    color:rgb(222, 186, 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(222, 186, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 186, 215) }
```

Border

The CSS property to change the border of an element to Yxy 55.5537, 0.3200, 0.2965 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(222, 186, 215) }
```

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

```
.border{ border-color:rgb(222, 186, 215) }
```

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

Here you see how a box with a 4 pixel rgb(222, 186, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 186, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 186, 215);  
box-shadow:4px 4px 4px 4px rgb(222, 186,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5537, 0.3200, 0.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 186, 215) }
```

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

```
.background{ background-color: rgb(222,  
186, 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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