

Converting Colors

$Y_{xy}(55.7582, 0.3186, 0.2953)$

Have a look what the booklet for
Yxy(55.7582, 0.3186, 0.2953)
contains.

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Color

Yxy(55.6572, 0.3184, 0.2944)

Conversions

Conversions Part 1

Format	Color
Hex	DEBAD9
RGB	222, 186, 217
RGB Percent	87%, 73%, 85%
CMY	0.1296, 0.2705, 0.1491
CMYK	0.00, 0.16, 0.02, 0.13
HSL	308°, 35%, 80%
HSV	308°, 16%, 87%
XYZ	60.1945, 55.6572, 73.2013
YIQ	200.2980, 11.5050, 17.2730

Conversions

Conversions Part 2

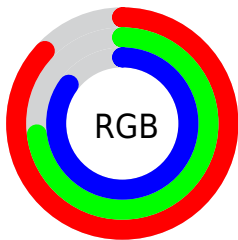
Format	Color
R_{YB}	222, 186, 217
Decimal	14596825
CIE _{Lab}	79.42, 18.10, -10.69
CIE _{LCh}	79, 21.018, 329.422
Yxy	55.6572, 0.3184, 0.2944
Android (android.graphics.Color)	4292786905 (0xFFDEBAD9)
YUV	200.2980, 8.2341, 19.0327
Hunter-Lab	74.6038, 13.4672, -5.9528

Details

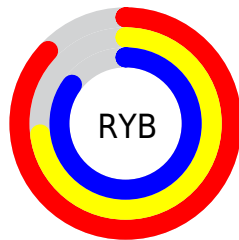
The Yxy color $55.6572, 0.3184, 0.2944$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $66.4219, 0.3075, 0.3662$, and the grayscale version is $57.8935, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.9843, 0.3133, 0.3165$, and $27.5992, 0.3202, 0.2865$ is the 20% darker color. If you saturate the color by 10%, you get $46.8628, 0.3225, 0.2724$, and if you desaturate by 10%, it is $65.9120, 0.3147, 0.3160$.

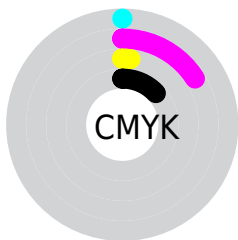
Distribution



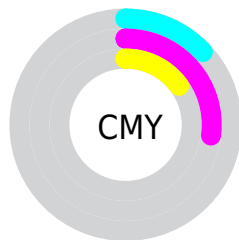
- Red (87%)
- Green (73%)
- Blue (85%)



- Red (87%)
- Yellow (73%)
- Blue (85%)



- Cyan (0%)
- Magenta (16%)
- Yellow (2%)
- Black (13%)




- Cyan (13%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6572, 0.3184, 0.2944 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 55.6572, 0.3184, 0.2944 by changing the saturation by 10% instead.

 55.6572, 0.3184,
0.2944

 55.6572, 0.3184,
0.2944


408.3983, 0.3159,
0.3107

 39.9281, 0.3190,
0.2906


 98.5032, 0.3175,
0.3001

 27.4825, 0.3196,
0.2859

126.3889, 0.3172,
0.3023

 17.9359, 0.3205,
0.2798


159.0957, 0.3169,
0.3042

 10.9040, 0.3215,
0.2717

197.0078, 0.3166,
0.3059

 6.0023, 0.3229,
0.2606

240.5097, 0.3164,
0.3073

 2.8465, 0.3247,
0.2441

289.9859, 0.3162,

 1.0521, 0.3269,

0.3086

0.2174

345.8206, 0.3160,
0.3097

■ 0.0000, 0.3597,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6572, 0.3184,
0.2944

■ 55.6572, 0.3184,
0.2944

■ 46.8628, 0.3225,
0.2724

■ 65.9120, 0.3147,
0.3160

■ 39.4547, 0.3271,
0.2508

■ 77.6825, 0.3116,
0.3368

■ 33.3631, 0.3321,
0.2302

■ 91.0299, 0.3088,
0.3564

■ 28.5096, 0.3373,
0.2119

■ 92.7146, 0.3070,
0.3555

■ 24.8071, 0.3427,
0.1966

■ 92.8881, 0.3053,
0.3523

■ 22.1575, 0.3480,
0.1852

■ 93.0646, 0.3035,
0.3491

■ 20.4459, 0.3532,
0.1783

■ 93.2442, 0.3018,
0.3459

■ 19.5294, 0.3580,
0.1758

■ 93.4269, 0.3001,
0.3427

■ 19.2938, 0.3598,
0.1756

■ 93.6126, 0.2985,
0.3395

Harmonies

Analogous

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



55.6572, 0.2910, 0.2842



55.6572, 0.3184, 0.2944



55.6572, 0.3453, 0.3128

Triad

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



55.6572, 0.3184, 0.2944



55.6572, 0.3559, 0.3739



55.6572, 0.2644, 0.3189

Complementary

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



55.6572, 0.3184, 0.2944



66.4219, 0.3075, 0.3662

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.



55.6572, 0.2803, 0.3452



55.6572, 0.3184, 0.2944



55.6572, 0.3330, 0.3781

Square

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



55.6572, 0.3184, 0.2944



55.6572, 0.3674, 0.3579



55.6572, 0.3053, 0.3676



55.6572, 0.2608, 0.2970

Rectangle

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



55.6572, 0.3184, 0.2944



55.6572, 0.3588, 0.3278



55.6572, 0.3053, 0.3676



55.6572, 0.2684, 0.3275

Sweetspot

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



55.6596, 0.3184, 0.2944



92.0200, 0.3144, 0.3185



51.4526, 0.2901, 0.2860



19.4652, 0.3146, 0.3170



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.



55.6596, 0.3184, 0.2944



72.4634, 0.3196, 0.2879



54.7837, 0.3325, 0.3140



13.9013, 0.3159, 0.3090



11.4779, 0.3591, 0.1752



0.8047, 0.3524, 0.1715

Inverse Universe

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



55.6596, 0.3184, 0.2944



72.4634, 0.3196, 0.2879



67.2529, 0.2963, 0.3445



13.9013, 0.3159, 0.3090



11.4779, 0.3591, 0.1752



0.8047, 0.3524, 0.1715

Previews

White Background



This preview shows how the Yxy color 55.6572, 0.3184, 0.2944 looks on a white background.

Color Contrast Check

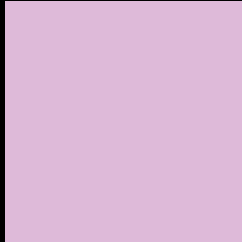
Large Text (above 18pt) WCAG AA × Fail

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 55.6572, 0.3184, 0.2944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

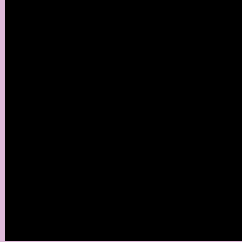
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.6572, 0.3184, 0.2944

Background



This preview shows how black text looks on a background with the Yxy color 55.6572, 0.3184, 0.2944.



This preview shows how white text looks on a background with the Yxy color 55.6572, 0.3184, 0.2944.

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

55.6572, 0.3184, 0.2944

Protanopia

55.6954, 0.2913, 0.2959

Deuteranopia

55.9225, 0.3069, 0.3012



Tritanopia

55.4939, 0.3276, 0.3119

Trichromacy



Original Color

55.6572, 0.3184, 0.2944

Protanomaly

55.7571, 0.3010, 0.2954

Deuteranomaly

55.7818, 0.3109, 0.2992

Tritanomaly

55.4669, 0.3245, 0.3052

Monochromacy



Original Color

55.6572, 0.3184, 0.2944

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.8963, 0.3149, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6572, 0.3184, 0.2944 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(222, 186, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 186, 217) }
```

Border

The CSS property to change the border of an element to Yxy 55.6572, 0.3184, 0.2944 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, 217) }
```

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

```
.border{ border-color:rgb(222, 186, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 186, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 186, 217);  
box-shadow:4px 4px 4px 4px rgb(222, 186,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6572, 0.3184, 0.2944 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, 217) }
```

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

```
.background{ background-color: rgb(222,  
186, 217) }
```

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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