

Converting Colors

Yxy(54.8908, 0.3111, 0.2854)

Have a look what the booklet for
Yxy(54.8908, 0.3111, 0.2854)
contains.

Yxy(54.6688, 0.3115, 0.2854)	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(54.6688, 0.3115, 0.2854)

Conversions

Conversions Part 1

Format	Color
Hex	DBB8DF
RGB	219, 184, 223
RGB Percent	86%, 72%, 87%
CMY	0.1412, 0.2784, 0.1255
CMYK	0.02, 0.17, 0.00, 0.13
HSL	294°, 38%, 80%
HSV	294°, 17%, 87%
XYZ	59.6683, 54.6688, 77.2144
YIQ	198.9110, 8.3410, 19.5490

Conversions

Conversions Part 2

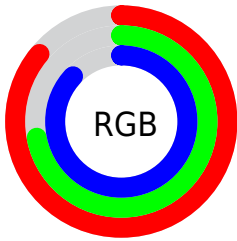
Format	Color
RYB	219, 184, 223
Decimal	14399711
CIELab	78.85, 19.29, -14.82
CIELCh	79, 24.323, 322.472
Yxy	54.6688, 0.3115, 0.2854
Android (android.graphics.Color)	4292589791 (0xFFDDBB8DF)
YUV	198.9110, 11.8759, 17.6181
Hunter-Lab	73.9384, 14.6575, -10.1602

Details

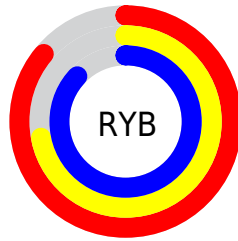
The Yxy color $54.6688, 0.3115, 0.2854$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $66.9279, 0.3133, 0.3759$, and the grayscale version is $56.9786, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.8002, 0.3134, 0.3146$, and $26.9523, 0.3109, 0.2748$ is the 20% darker color. If you saturate the color by 10%, you get $45.7712, 0.3104, 0.2597$, and if you desaturate by 10%, it is $65.0363, 0.3123, 0.3107$.

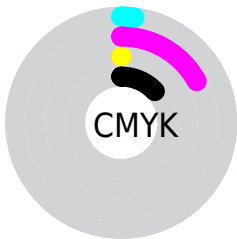
Distribution



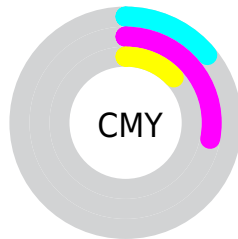
- Red (86%)
- Green (72%)
- Blue (87%)



- Red (86%)
- Yellow (72%)
- Blue (87%)



- Cyan (2%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)





- Cyan (14%)
- Magenta (28%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6688, 0.3115, 0.2854 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 54.6688, 0.3115, 0.2854 by changing the saturation by 10% instead.

 54.6688, 0.3115,
0.2854

 54.6688, 0.3115,
0.2854


404.6552, 0.3124,
0.3059

 39.1366, 0.3112,
0.2806


 97.0555, 0.3119,
0.2926

 26.8660, 0.3108,
0.2747


124.6789, 0.3120,
0.2953

 17.4726, 0.3102,
0.2672


157.1014, 0.3121,
0.2977

 10.5720, 0.3093,
0.2572

194.7074, 0.3122,
0.2998

 5.7798, 0.3079,
0.2435

237.8815, 0.3122,
0.3016

 2.7117, 0.3052,
0.2235

287.0078, 0.3123,

 0.9831, 0.2995,

0.3032

0.1917

342.4710, 0.3123,
0.3046

0.0000, 0.2806,
0.0000

0.0000, 0.0000,
0.0000

54.6688, 0.3115,
0.2854

54.6688, 0.3115,
0.2854

45.7712, 0.3104,
0.2597

65.0363, 0.3123,
0.3107

38.2682, 0.3091,
0.2344

76.9304, 0.3128,
0.3350

32.0884, 0.3074,
0.2104

90.4135, 0.3132,
0.3579

27.1515, 0.3054,
0.1888

93.3678, 0.3144,
0.3618

■ 23.3680, 0.3032,
0.1705

■ 93.7460, 0.3158,
0.3617

■ 20.6368, 0.3007,
0.1563

■ 94.1292, 0.3173,
0.3615

■ 18.8393, 0.2981,
0.1465

■ 94.5174, 0.3187,
0.3614

■ 17.8150, 0.2955,
0.1409

■ 94.9106, 0.3202,
0.3613

■ 17.6133, 0.2948,
0.1398

■ 95.3089, 0.3216,
0.3611

Harmonies

Analogous

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



54.6688, 0.2810, 0.2763



54.6688, 0.3115, 0.2854



54.6688, 0.3439, 0.3046

Triad

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



54.6688, 0.3115, 0.2854



54.6688, 0.3675, 0.3777



54.6688, 0.2598, 0.3239

Complementary

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



54.6688, 0.3115, 0.2854



66.9279, 0.3133, 0.3759

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.



54.6688, 0.2810, 0.3548



54.6688, 0.3115, 0.2854



54.6688, 0.3431, 0.3867

Square

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



54.6688, 0.3115, 0.2854



54.6688, 0.3771, 0.3565



54.6688, 0.3113, 0.3786



54.6688, 0.2523, 0.2965

Rectangle

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



54.6688, 0.3115, 0.2854



54.6688, 0.3617, 0.3212



54.6688, 0.3113, 0.3786



54.6688, 0.2655, 0.3343

Sweetspot

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



54.6712, 0.3115, 0.2854



91.8852, 0.3124, 0.3168



51.7258, 0.2844, 0.2873



19.4323, 0.3124, 0.3150



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.



54.6712, 0.3115, 0.2854



69.4332, 0.3111, 0.2760



54.5300, 0.3265, 0.3019



13.8602, 0.3122, 0.3058



10.3859, 0.2952, 0.1400



0.7408, 0.2994, 0.1423

Inverse Universe

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



53.6053, 0.3429, 0.3245



67.7465, 0.3509, 0.3235



67.0857, 0.3011, 0.3577



13.7233, 0.3276, 0.3266



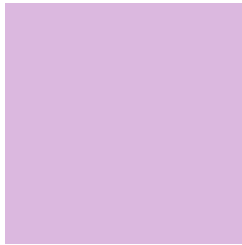
9.2683, 0.6275, 0.3231



0.6503, 0.5980, 0.3068

Previews

White Background



This preview shows how the Yxy color 54.6688, 0.3115, 0.2854 looks on a white background.

Color Contrast Check

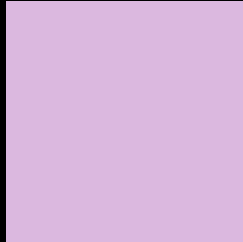
Large Text (above 18pt) WCAG AA × Fail

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 54.6688, 0.3115, 0.2854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

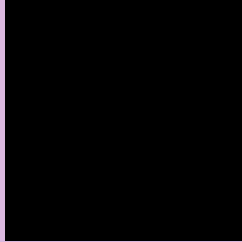
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.6688, 0.3115, 0.2854

Background



This preview shows how black text looks on a background with the Yxy color 54.6688, 0.3115, 0.2854.



This preview shows how white text looks on a background with the Yxy color 54.6688, 0.3115, 0.2854.

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

54.6688, 0.3115, 0.2854

Protanopia

54.9321, 0.2837, 0.2876

Deuteranopia

54.6574, 0.2987, 0.2918



Tritanopia

54.8296, 0.3250, 0.3129

Trichromacy



Original Color

54.6688, 0.3115, 0.2854

Protanomaly

54.5151, 0.2929, 0.2860

Deuteranomaly

54.6503, 0.3034, 0.2900

Tritanomaly

54.9455, 0.3197, 0.3028

Monochromacy



Original Color

54.6688, 0.3115, 0.2854

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.2595, 0.3119, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6688, 0.3115, 0.2854 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(219, 184, 223)` looks like.

```
.text, #text, p{  
    color:rgb(219, 184, 223)  
}
```

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(219, 184, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 184, 223) }
```

Border

The CSS property to change the border of an element to Yxy 54.6688, 0.3115, 0.2854 is called "border". The border property can be set on classes, ids or directly on the HTML element.

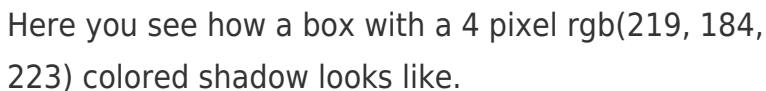
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 184, 223) }
```

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

```
.border{ border-color:rgb(219, 184, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 184, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 184, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 184, 223); box-shadow:4px 4px 4px 4px rgb(219, 184, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6688, 0.3115, 0.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 184, 223) }
```

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

```
.background{ background-color: rgb(219,  
184, 223) }
```

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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