

Converting Colors

Yxy(54.7487, 0.3181, 0.3000)

Have a look what the booklet for
Yxy(54.7487, 0.3181, 0.3000)
contains.

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Color

Yxy(54.6230, 0.3182, 0.2994)

Conversions

Conversions Part 1

Format	Color
Hex	D9BAD4
RGB	217, 186, 212
RGB Percent	85%, 73%, 83%
CMY	0.1491, 0.2705, 0.1687
CMYK	0.00, 0.14, 0.02, 0.15
HSL	310°, 29%, 79%
HSV	310°, 14%, 85%
XYZ	58.0529, 54.6230, 69.7656
YIQ	198.2330, 10.1300, 14.6580

Conversions

Conversions Part 2

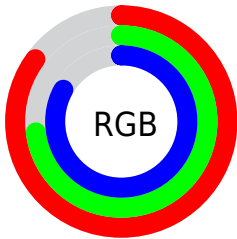
Format	Color
R _{YB}	217, 186, 212
Decimal	14269140
CIE Lab	78.82, 15.50, -8.93
CIE LCh	79, 17.894, 330.054
Yxy	54.6230, 0.3182, 0.2994
Android (android.graphics.Color)	4292459220 (0xFFD9BAD4)
YUV	198.2330, 6.7871, 16.4587
Hunter-Lab	73.9074, 10.8706, -4.2323

Details

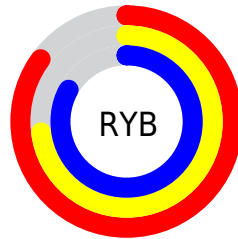
The Yxy color **54.6230, 0.3182, 0.2994** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.8191, 0.3077, 0.3605**, and the grayscale version is **56.5745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **26.8908, 0.3200, 0.2929** is the 20% darker color. If you saturate the color by 10%, you get **45.9913, 0.3227, 0.2780**, and if you desaturate by 10%, it is **64.6515, 0.3142, 0.3203**.

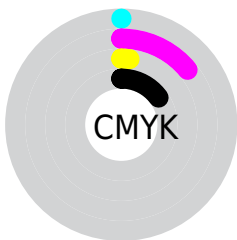
Distribution



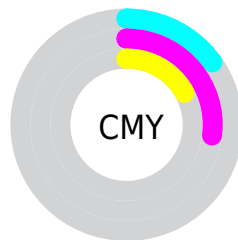
- Red (85%)
- Green (73%)
- Blue (83%)



- Red (85%)
- Yellow (73%)
- Blue (83%)



- Cyan (0%)
- Magenta (14%)
- Yellow (2%)
- Black (15%)




- Cyan (15%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.6230, 0.3182, 0.2994 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 54.6230, 0.3182, 0.2994 by changing the saturation by 10% instead.

 54.6230, 0.3182,
0.2994

 54.6230, 0.3182,
0.2994


404.4813, 0.3157,
0.3135

 39.1000, 0.3188,
0.2961


 96.9884, 0.3173,
0.3044

 26.8375, 0.3195,
0.2919


124.5995, 0.3170,
0.3063

 17.4512, 0.3203,
0.2866

157.0088, 0.3167,
0.3079

 10.5567, 0.3215,
0.2795


194.6006, 0.3164,
0.3093

 5.7696, 0.3230,
0.2696

237.7594, 0.3162,
0.3105

 2.7055, 0.3250,
0.2546

286.8695, 0.3160,

 0.9800, 0.3280,

0.3116

0.2299

342.3153, 0.3158,
0.3126

0.0000, 0.3454,
0.0000

0.0000, 0.0000,
0.0000

54.6230, 0.3182,
0.2994

54.6230, 0.3182,
0.2994

45.9913, 0.3227,
0.2780

64.6515, 0.3142,
0.3203

38.6868, 0.3278,
0.2567

76.1281, 0.3108,
0.3403

32.6448, 0.3333,
0.2363

89.1104, 0.3079,
0.3591

27.7921, 0.3393,
0.2178

91.7587, 0.3058,
0.3593

■ 24.0483, 0.3455,
0.2021

■ 91.9526, 0.3038,
0.3556

■ 21.3227, 0.3517,
0.1902

■ 92.1504, 0.3019,
0.3518

■ 19.5106, 0.3578,
0.1827

■ 92.3521, 0.3000,
0.3481

■ 18.4843, 0.3637,
0.1797

■ 92.5578, 0.2981,
0.3445

■ 18.1275, 0.3669,
0.1795

■ 92.7676, 0.2962,
0.3408

Harmonies

Analogous

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



54.6230, 0.2946, 0.2905



54.6230, 0.3182, 0.2994



54.6230, 0.3410, 0.3155

Triad

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



54.6230, 0.3182, 0.2994



54.6230, 0.3495, 0.3677



54.6230, 0.2709, 0.3201

Complementary

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



54.6230, 0.3182, 0.2994



63.8191, 0.3077, 0.3605

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.



54.6230, 0.2846, 0.3424



54.6230, 0.3182, 0.2994



54.6230, 0.3297, 0.3708

Square

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



54.6230, 0.3182, 0.2994



54.6230, 0.3594, 0.3544



54.6230, 0.3060, 0.3615



54.6230, 0.2681, 0.3013

Rectangle

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



54.6230, 0.3182, 0.2994



54.6230, 0.3524, 0.3286



54.6230, 0.3060, 0.3615



54.6230, 0.2744, 0.3274

Sweetspot

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



54.6254, 0.3182, 0.2994



93.5585, 0.3142, 0.3208



51.1642, 0.2934, 0.2916



19.7743, 0.3144, 0.3192



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.



54.6254, 0.3182, 0.2994



74.9505, 0.3194, 0.2933



53.8967, 0.3302, 0.3165



13.2369, 0.3162, 0.3096



10.9886, 0.3661, 0.1791



0.7217, 0.3575, 0.1743

Inverse Universe

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



54.6254, 0.3182, 0.2994



74.9505, 0.3194, 0.2933



64.5206, 0.2979, 0.3419



13.2369, 0.3162, 0.3096



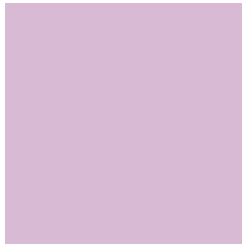
10.9886, 0.3661, 0.1791



0.7217, 0.3575, 0.1743

Previews

White Background



This preview shows how the Yxy color 54.6230, 0.3182, 0.2994 looks on a white background.

Color Contrast Check

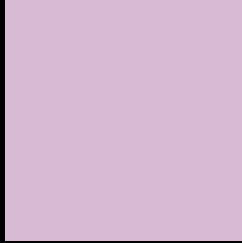
Large Text (above 18pt) WCAG AA × Fail

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 54.6230, 0.3182, 0.2994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

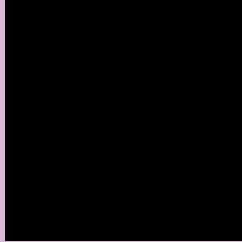
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.6230, 0.3182, 0.2994

Background



This preview shows how black text looks on a background with the Yxy color 54.6230, 0.3182, 0.2994.



This preview shows how white text looks on a background with the Yxy color 54.6230, 0.3182, 0.2994.

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

54.6230, 0.3182, 0.2994

Protanopia

54.7998, 0.2947, 0.3015

Deuteranopia

54.7955, 0.3106, 0.3045



Tritanopia

54.8296, 0.3250, 0.3129

Trichromacy



Original Color

54.6230, 0.3182, 0.2994

Protanomaly

54.5854, 0.3029, 0.3008

Deuteranomaly

54.9472, 0.3139, 0.3036

Tritanomaly

54.5958, 0.3220, 0.3072

Monochromacy



Original Color

54.6230, 0.3182, 0.2994

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.8745, 0.3148, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6230, 0.3182, 0.2994 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(217, 186, 212)` looks like.

```
.text, #text, p{  
    color:rgb(217, 186, 212)  
}
```

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(217, 186, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 186, 212) }
```

Border

The CSS property to change the border of an element to Yxy 54.6230, 0.3182, 0.2994 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(217, 186, 212) }
```

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

```
.border{ border-color:rgb(217, 186, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 186, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 186, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 186, 212);  
box-shadow:4px 4px 4px 4px rgb(217, 186,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6230, 0.3182, 0.2994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 186, 212) }
```

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

```
.background{ background-color: rgb(217,  
186, 212) }
```

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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