

Converting Colors

Yxy(54.9822, 0.3139, 0.3009)

Have a look what the booklet for
Yxy(54.9822, 0.3139, 0.3009)
contains.

Yxy(54.9167, 0.3141, 0.3003)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.9167, 0.3141, 0.3003)

Conversions

Conversions Part 1

Format	Color
Hex	D5BCD5
RGB	213, 188, 213
RGB Percent	84%, 74%, 84%
CMY	0.1646, 0.2628, 0.1647
CMYK	0.00, 0.12, 0.00, 0.16
HSL	300°, 23%, 79%
HSV	300°, 12%, 84%
XYZ	57.4403, 54.9167, 70.5157
YIQ	198.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

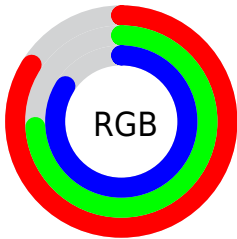
Format	Color
R_{YB}	213, 188, 213
Decimal	14007509
CIE _{Lab}	78.99, 13.28, -9.26
CIE _{LCh}	79, 16.184, 325.118
Yxy	54.9167, 0.3141, 0.3003
Android (android.graphics.Color)	4292197589 (0xFFD5BCD5)
YUV	198.3250, 7.2348, 12.8700
Hunter-Lab	74.1058, 8.6725, -4.5436

Details

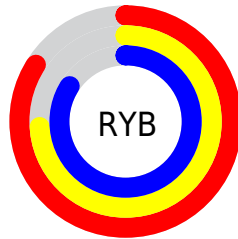
The Yxy color **54.9167, 0.3141, 0.3003** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.9298, 0.3113, 0.3595**, and the grayscale version is **56.6351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **27.0657, 0.3144, 0.2940** is the 20% darker color. If you saturate the color by 10%, you get **46.4773, 0.3153, 0.2754**, and if you desaturate by 10%, it is **64.7043, 0.3129, 0.3248**.

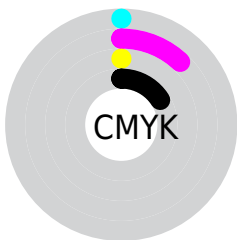
Distribution



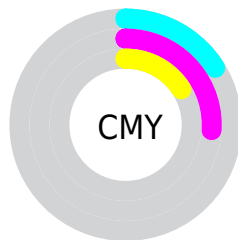
- Red (84%)
- Green (74%)
- Blue (84%)



- Red (84%)
- Yellow (74%)
- Blue (84%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)
- Black (16%)





- Cyan (16%)
- Magenta (26%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9167, 0.3141, 0.3003 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 54.9167, 0.3141, 0.3003 by changing the saturation by 10% instead.


 54.9167, 0.3141,
0.3003

 54.9167, 0.3141,
0.3003

405.5961, 0.3136,
0.3140

 39.3350, 0.3142,
0.2971


 97.4189, 0.3139,
0.3051

 27.0205, 0.3143,
0.2931


125.1082, 0.3139,
0.3070

 17.5886, 0.3144,
0.2879


157.6022, 0.3138,
0.3085

 10.6550, 0.3145,
0.2810

195.2853, 0.3137,
0.3099

 5.8354, 0.3145,
0.2713

238.5418, 0.3137,
0.3111

 2.7452, 0.3143,
0.2567

287.7562, 0.3136,

 1.0002, 0.3133,

0.3122

0.2326

343.3128, 0.3136,
0.3131

0.0000, 0.2933,
0.0000

0.0000, 0.0000,
0.0000

54.9167, 0.3141,
0.3003

54.9167, 0.3141,
0.3003

46.4773, 0.3153,
0.2754

64.7043, 0.3129,
0.3248

39.3204, 0.3165,
0.2507

75.8881, 0.3118,
0.3483

33.3853, 0.3177,
0.2273

88.5223, 0.3107,
0.3704

28.6039, 0.3187,
0.2059

90.4831, 0.3106,
0.3735

■ 24.9010, 0.3196,
0.1877

■ 90.4851, 0.3105,
0.3734

■ 22.1930, 0.3204,
0.1732

■ 90.4871, 0.3105,
0.3734

■ 20.3836, 0.3209,
0.1629

■ 90.4891, 0.3105,
0.3733

■ 19.3578, 0.3212,
0.1569

■ 90.4911, 0.3105,
0.3733

■ 18.9375, 0.3214,
0.1544

■ 90.4931, 0.3105,
0.3733

Harmonies

Analogous

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



54.9167, 0.2932, 0.2935



54.9167, 0.3141, 0.3003



54.9167, 0.3352, 0.3141

Triad

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



54.9167, 0.3141, 0.3003



54.9167, 0.3481, 0.3626



54.9167, 0.2763, 0.3243

Complementary

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



54.9167, 0.3141, 0.3003



61.9298, 0.3113, 0.3595

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.



54.9167, 0.2901, 0.3443



54.9167, 0.3141, 0.3003



54.9167, 0.3315, 0.3669

Square

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



54.9167, 0.3141, 0.3003



54.9167, 0.3552, 0.3495



54.9167, 0.3102, 0.3603



54.9167, 0.2720, 0.3065

Rectangle

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



54.9167, 0.3141, 0.3003



54.9167, 0.3464, 0.3257



54.9167, 0.3102, 0.3603



54.9167, 0.2800, 0.3310

Sweetspot

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



54.9191, 0.3141, 0.3003



93.6627, 0.3132, 0.3193



51.4605, 0.2942, 0.2984



19.8007, 0.3133, 0.3174



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.



54.9191, 0.3141, 0.3003



79.2955, 0.3144, 0.2944



54.3098, 0.3237, 0.3144



12.6323, 0.3138, 0.3061



11.5637, 0.3214, 0.1544



0.6976, 0.3213, 0.1544

Inverse Universe

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



54.9191, 0.3141, 0.3003



79.2955, 0.3144, 0.2944



62.4915, 0.3029, 0.3440



12.6323, 0.3138, 0.3061



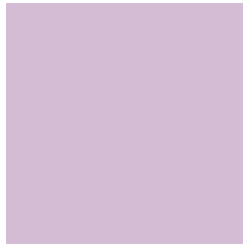
11.5637, 0.3214, 0.1544



0.6976, 0.3213, 0.1544

Previews

White Background



This preview shows how the Yxy color 54.9167, 0.3141, 0.3003 looks on a white background.

Color Contrast Check

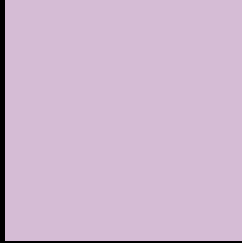
Large Text (above 18pt) WCAG AA × Fail

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 54.9167, 0.3141, 0.3003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

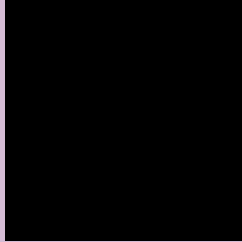
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9167, 0.3141, 0.3003

Background



This preview shows how black text looks on a background with the Yxy color 54.9167, 0.3141, 0.3003.



This preview shows how white text looks on a background with the Yxy color 54.9167, 0.3141, 0.3003.

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

54.9167, 0.3141, 0.3003

Protanopia

54.9308, 0.2954, 0.3016

Deuteranopia

54.8964, 0.3092, 0.3022



Tritanopia

54.7519, 0.3201, 0.3116

Trichromacy



Original Color

54.9167, 0.3141, 0.3003

Protanomaly

54.9365, 0.3014, 0.3007

Deuteranomaly

54.7546, 0.3108, 0.3012

Tritanomaly

54.8972, 0.3178, 0.3081

Monochromacy



Original Color

54.9167, 0.3141, 0.3003

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.5919, 0.3132, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9167, 0.3141, 0.3003 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(213, 188, 213)` looks like.

```
.text, #text, p{  
    color:rgb(213, 188, 213)  
}
```

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(213, 188, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 188, 213) }
```

Border

The CSS property to change the border of an element to Yxy 54.9167, 0.3141, 0.3003 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(213, 188, 213) }
```

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

```
.border{ border-color:rgb(213, 188, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 188, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 188, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 188, 213);  
box-shadow:4px 4px 4px 4px rgb(213, 188,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9167, 0.3141, 0.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 188, 213) }
```

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

```
.background{ background-color: rgb(213,  
188, 213) }
```

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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