

Converting Colors

Yxy(51.5119, 0.3215, 0.3003)

Have a look what the booklet for
Yxy(51.5119, 0.3215, 0.3003)
contains.

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Color

Yxy(51.3464, 0.3217, 0.2999)

Conversions

Conversions Part 1

Format	Color
Hex	D6B4CD
RGB	214, 180, 205
RGB Percent	84%, 71%, 80%
CMY	0.1607, 0.2941, 0.1959
CMYK	0.00, 0.16, 0.04, 0.16
HSL	316°, 29%, 77%
HSV	316°, 16%, 84%
XYZ	55.0788, 51.3464, 64.7865
YIQ	193.0160, 12.2390, 14.9830

Conversions

Conversions Part 2

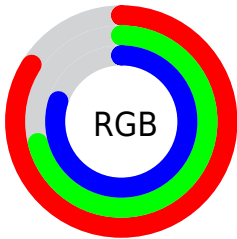
Format	Color
RYB	214, 180, 205
Decimal	14070989
CIELab	76.89, 16.47, -8.07
CIELCh	77, 18.343, 333.915
Yxy	51.3464, 0.3217, 0.2999
Android (android.graphics.Color)	4292261069 (0xFFD6B4CD)
YUV	193.0160, 5.9081, 18.4030
Hunter-Lab	71.6564, 11.8056, -3.4462

Details

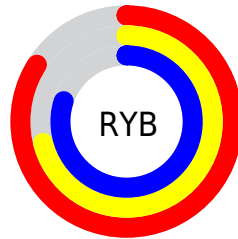
The Yxy color **51.3464, 0.3217, 0.2999** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **61.4775, 0.3048, 0.3600**, and the grayscale version is **53.3004, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4709, 0.3136, 0.3107**, and **24.7840, 0.3237, 0.2920** is the 20% darker color. If you saturate the color by 10%, you get **43.0967, 0.3286, 0.2809**, and if you desaturate by 10%, it is **60.9446, 0.3158, 0.3185**.

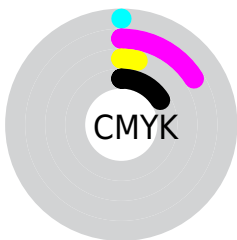
Distribution



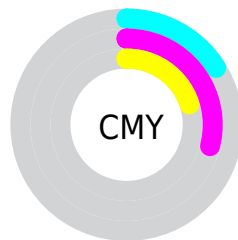
- Red (84%)
- Green (71%)
- Blue (80%)



- Red (84%)
- Yellow (71%)
- Blue (80%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (16%)





- Cyan (16%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3464, 0.3217, 0.2999 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 51.3464, 0.3217, 0.2999 by changing the saturation by 10% instead.


 51.3464, 0.3217,
0.2999

 51.3464, 0.3217,
0.2999

391.9081, 0.3174,
0.3139

 36.4844, 0.3227,
0.2966


 92.1666, 0.3202,
0.3049

 24.8085, 0.3240,
0.2924


118.8936, 0.3196,
0.3068

 15.9344, 0.3256,
0.2870


150.3443, 0.3191,
0.3084

 9.4778, 0.3277,
0.2797

186.9032, 0.3187,
0.3098

 5.0541, 0.3307,
0.2693

228.9546, 0.3183,
0.3110

 2.2790, 0.3351,
0.2535

276.8830, 0.3180,

 0.7626, 0.3429,

0.3121

0.2253

331.0727, 0.3177,
0.3130

0.0000, 0.2836,
0.0000

0.0000, 0.0000,
0.0000

51.3464, 0.3217,
0.2999

51.3464, 0.3217,
0.2999

43.0967, 0.3286,
0.2809

60.9446, 0.3158,
0.3185

36.1276, 0.3365,
0.2619

71.9416, 0.3108,
0.3361

30.3755, 0.3454,
0.2437

84.3937, 0.3065,
0.3527

25.7686, 0.3551,
0.2273

91.3999, 0.3031,
0.3577

■ 22.2277, 0.3656,
0.2137

■ 91.7182, 0.3000,
0.3516

■ 19.6631, 0.3765,
0.2039

■ 92.0469, 0.2969,
0.3456

■ 17.9707, 0.3874,
0.1987

■ 92.3861, 0.2938,
0.3397

■ 17.0214, 0.3979,
0.1983

■ 92.7357, 0.2908,
0.3338

■ 16.7505, 0.4022,
0.1990

■ 93.0387, 0.2883,
0.3289

Harmonies

Analogous

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



51.3464, 0.2967, 0.2894



51.3464, 0.3217, 0.2999



51.3464, 0.3450, 0.3174

Triad

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



51.3464, 0.3217, 0.2999



51.3464, 0.3490, 0.3706



51.3464, 0.2680, 0.3167

Complementary

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



51.3464, 0.3217, 0.2999



61.4775, 0.3048, 0.3600

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.



51.3464, 0.2809, 0.3401



51.3464, 0.3217, 0.2999



51.3464, 0.3274, 0.3723

Square

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



51.3464, 0.3217, 0.2999



51.3464, 0.3610, 0.3577



51.3464, 0.3025, 0.3610



51.3464, 0.2665, 0.2981

Rectangle

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



51.3464, 0.3217, 0.2999



51.3464, 0.3561, 0.3312



51.3464, 0.3025, 0.3610



51.3464, 0.2711, 0.3243

Sweetspot

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



51.3487, 0.3217, 0.2999



91.9183, 0.3153, 0.3200



48.2515, 0.2937, 0.2874



19.4404, 0.3157, 0.3187



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.



51.3487, 0.3217, 0.2999



72.0912, 0.3239, 0.2937



50.5917, 0.3354, 0.3190



12.5741, 0.3178, 0.3120



10.1408, 0.4008, 0.1981



0.6250, 0.3840, 0.1889

Inverse Universe

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



51.3487, 0.3217, 0.2999



72.0912, 0.3239, 0.2937



62.2368, 0.2941, 0.3393



12.5741, 0.3178, 0.3120



10.1408, 0.4008, 0.1981



0.6250, 0.3840, 0.1889

Previews

White Background



This preview shows how the Yxy color 51.3464, 0.3217, 0.2999 looks on a white background.

Color Contrast Check

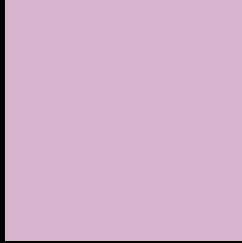
Large Text (above 18pt) WCAG AA × Fail

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 51.3464, 0.3217, 0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

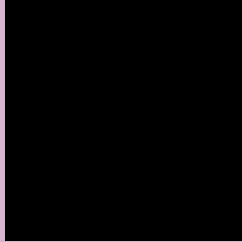
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3464, 0.3217, 0.2999

Background



This preview shows how black text looks on a background with the Yxy color 51.3464, 0.3217, 0.2999.



This preview shows how white text looks on a background with the Yxy color 51.3464, 0.3217, 0.2999.

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

51.3464, 0.3217, 0.2999

Protanopia

51.6131, 0.2956, 0.3032

Deuteranopia

51.6141, 0.3121, 0.3062



Tritanopia

51.5876, 0.3280, 0.3126

Trichromacy



Original Color

51.3464, 0.3217, 0.2999

Protanomaly

51.5422, 0.3050, 0.3025

Deuteranomaly

51.3484, 0.3156, 0.3041

Tritanomaly

51.3174, 0.3256, 0.3079

Monochromacy



Original Color

51.3464, 0.3217, 0.2999

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.4152, 0.3165, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3464, 0.3217, 0.2999 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(214, 180, 205)` looks like.

```
.text, #text, p{  
    color:rgb(214, 180, 205)  
}
```

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(214, 180, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 180, 205) }
```

Border

The CSS property to change the border of an element to Yxy 51.3464, 0.3217, 0.2999 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(214, 180, 205) }
```

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

```
.border{ border-color:rgb(214, 180, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 180, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 180, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 180, 205);  
box-shadow:4px 4px 4px 4px rgb(214, 180,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3464, 0.3217, 0.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 180, 205) }
```

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

```
.background{ background-color: rgb(214,  
180, 205) }
```

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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