

Converting Colors

$Y_{xy}(47.0079, 0.3132, 0.2809)$

Have a look what the booklet for
Yxy(47.0079, 0.3132, 0.2809)
contains.

Yxy(47.0079, 0.3132, 0.2809)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.0079, 0.3132, 0.2809)

Conversions

Conversions Part 1

Format	Color
Hex	D1AAD3
RGB	209, 170, 211
RGB Percent	82%, 67%, 83%
CMY	0.1806, 0.3332, 0.1726
CMYK	0.01, 0.19, 0.00, 0.17
HSL	297°, 32%, 75%
HSV	297°, 19%, 83%
XYZ	52.4132, 47.0079, 67.9263
YIQ	186.3350, 10.0830, 21.0190

Conversions

Conversions Part 2

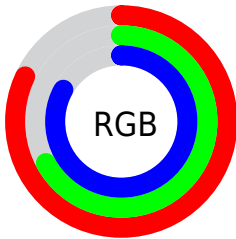
Format	Color
R _Y B	209, 170, 211
Decimal	13740755
CIE Lab	74.19, 21.25, -15.38
CIE LCh	74, 26.233, 324.095
Yxy	47.0079, 0.3132, 0.2809
Android (android.graphics.Color)	4291930835 (0xFFD1AAD3)
YUV	186.3350, 12.1598, 19.8772
Hunter-Lab	68.5623, 16.4723, -10.7464

Details

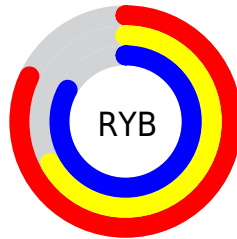
The Yxy color $47.0079, 0.3132, 0.2809$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $58.2611, 0.3117, 0.3817$, and the grayscale version is $49.2251, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.3304, 0.3141, 0.2999$, and $22.2272, 0.3131, 0.2697$ is the 20% darker color. If you saturate the color by 10%, you get $39.5701, 0.3133, 0.2557$, and if you desaturate by 10%, it is $55.7203, 0.3130, 0.3060$.

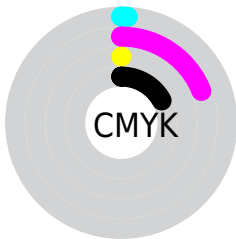
Distribution



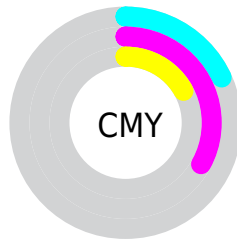
- Red (82%)
- Green (67%)
- Blue (83%)



- Red (82%)
- Yellow (67%)
- Blue (83%)



- Cyan (1%)
- Magenta (19%)
- Yellow (0%)
- Black (17%)




- Cyan (18%)
- Magenta (33%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0079, 0.3132, 0.2809 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 47.0079, 0.3132, 0.2809 by changing the saturation by 10% instead.


 47.0079, 0.3132,
0.2809

 47.0079, 0.3132,
0.2809

374.8461, 0.3133,
0.3040

 33.0419, 0.3131,
0.2754


 85.7254, 0.3133,
0.2891

 22.1585, 0.3129,
0.2685


111.2457, 0.3133,
0.2922

 13.9734, 0.3125,
0.2596

141.3862, 0.3134,
0.2949

 8.1022, 0.3118,
0.2477

176.5314, 0.3134,
0.2972

 4.1604, 0.3105,
0.2309

217.0656, 0.3134,
0.2992

 1.7637, 0.3076,
0.2056

263.3731, 0.3133,

 0.4644, 0.3064,

0.3010

0.1473

315.8385, 0.3133,
0.3026

0.0000, 0.0000,
0.0000

47.0079, 0.3132,
0.2809

47.0079, 0.3132,
0.2809

39.5701, 0.3133,
0.2557

55.7203, 0.3130,
0.3060

33.3402, 0.3132,
0.2313

65.7575, 0.3127,
0.3304

28.2550, 0.3128,
0.2086

77.1746, 0.3123,
0.3536

24.2430, 0.3123,
0.1885

90.0216, 0.3119,
0.3753

21.2246, 0.3116,
0.1721

90.5473, 0.3125,
0.3758

■ 19.1092, 0.3107,
0.1597

■ 90.7060, 0.3131,
0.3757

■ 17.7897, 0.3096,
0.1518

■ 90.8656, 0.3138,
0.3756

■ 17.0842, 0.3085,
0.1475

■ 91.0263, 0.3145,
0.3755

■ 17.0487, 0.3084,
0.1473

■ 91.1880, 0.3151,
0.3754

Harmonies

Analogous

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



47.0079, 0.2784, 0.2699



47.0079, 0.3132, 0.2809



47.0079, 0.3498, 0.3029

Triad

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



47.0079, 0.3132, 0.2809



47.0079, 0.3735, 0.3849



47.0079, 0.2521, 0.3210

Complementary

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



47.0079, 0.3132, 0.2809



58.2611, 0.3117, 0.3817

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.



47.0079, 0.2751, 0.3565



47.0079, 0.3132, 0.2809



47.0079, 0.3450, 0.3947

Square

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



47.0079, 0.3132, 0.2809



47.0079, 0.3857, 0.3612



47.0079, 0.3089, 0.3847



47.0079, 0.2447, 0.2906

Rectangle

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



47.0079, 0.3132, 0.2809



47.0079, 0.3697, 0.3216



47.0079, 0.3089, 0.3847



47.0079, 0.2582, 0.3328

Sweetspot

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



47.0099, 0.3132, 0.2809



90.4796, 0.3129, 0.3143



42.7859, 0.2808, 0.2787



19.1544, 0.3129, 0.3127



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.



47.0099, 0.3132, 0.2809



67.5688, 0.3132, 0.2712



46.4370, 0.3306, 0.3021



11.9779, 0.3130, 0.3060



10.3045, 0.3086, 0.1474



0.5856, 0.3110, 0.1487

Inverse Universe

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



45.5878, 0.3489, 0.3266



65.0339, 0.3580, 0.3261



58.7795, 0.2981, 0.3576



11.8176, 0.3283, 0.3279



8.3761, 0.6342, 0.3268



0.4718, 0.6157, 0.3165

Previews

White Background



This preview shows how the Yxy color 47.0079, 0.3132, 0.2809 looks on a white background.

Color Contrast Check

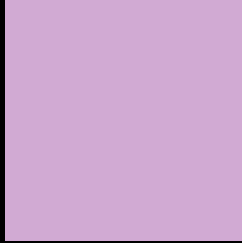
Large Text (above 18pt) WCAG AA × Fail

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 47.0079, 0.3132, 0.2809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

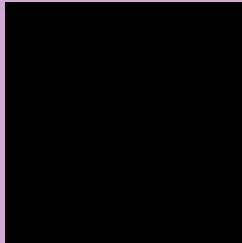
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0079, 0.3132, 0.2809

Background



This preview shows how black text looks on a background with the Yxy color 47.0079, 0.3132, 0.2809.



This preview shows how white text looks on a background with the Yxy color 47.0079, 0.3132, 0.2809.

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

47.0079, 0.3132, 0.2809

Protanopia

47.2237, 0.2805, 0.2827

Deuteranopia

47.1356, 0.2970, 0.2906



Tritanopia

47.0248, 0.3295, 0.3120

Trichromacy



Original Color

47.0079, 0.3132, 0.2809

Protanomaly

46.9154, 0.2917, 0.2823

Deuteranomaly

47.0489, 0.3028, 0.2865

Tritanomaly

47.1381, 0.3237, 0.3013

Monochromacy



Original Color

47.0079, 0.3132, 0.2809

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.0520, 0.3127, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0079, 0.3132, 0.2809 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(209, 170, 211)` looks like.

```
.text, #text, p{  
    color:rgb(209, 170, 211)  
}
```

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(209, 170, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 170, 211) }
```

Border

The CSS property to change the border of an element to Yxy 47.0079, 0.3132, 0.2809 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(209, 170, 211) }
```

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

```
.border{ border-color:rgb(209, 170, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 170, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 170, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 170, 211);  
box-shadow:4px 4px 4px 4px rgb(209, 170,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0079, 0.3132, 0.2809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 170, 211) }
```

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

```
.background{ background-color: rgb(209,  
170, 211) }
```

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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