

Converting Colors

Yxy(47.0064, 0.3143, 0.2758)

Have a look what the booklet for
Yxy(47.0064, 0.3143, 0.2758)
contains.

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Color

Yxy(47.0064, 0.3143, 0.2758)

Conversions

Conversions Part 1

Format	Color
Hex	D5A8D6
RGB	213, 168, 214
RGB Percent	84%, 66%, 84%
CMY	0.1649, 0.3411, 0.1608
CMYK	0.00, 0.21, 0.00, 0.16
HSL	299°, 36%, 75%
HSV	299°, 21%, 84%
XYZ	53.5682, 47.0064, 69.8619
YIQ	186.6990, 12.0540, 23.8460

Conversions

Conversions Part 2

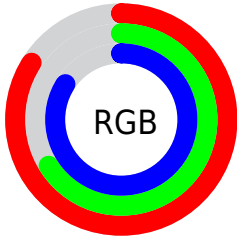
Format	Color
R _Y B	213, 168, 214
Decimal	14002390
CIE Lab	74.19, 24.24, -16.99
CIE LCh	74, 29.605, 324.970
Yxy	47.0064, 0.3143, 0.2758
Android (android.graphics.Color)	4292192470 (0xFFD5A8D6)
YUV	186.6990, 13.4594, 23.0660
Hunter-Lab	68.5612, 19.4834, -12.4220

Details

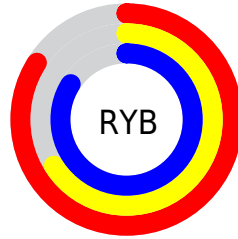
The Yxy color $47.0064, 0.3143, 0.2758$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $59.3602, 0.3107, 0.3883$, and the grayscale version is $49.4325, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.2554, 0.3142, 0.2980$, and $22.2631, 0.3146, 0.2633$ is the 20% darker color. If you saturate the color by 10%, you get $39.6724, 0.3149, 0.2509$, and if you desaturate by 10%, it is $55.6449, 0.3136, 0.3009$.

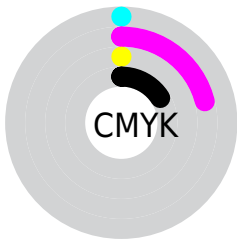
Distribution



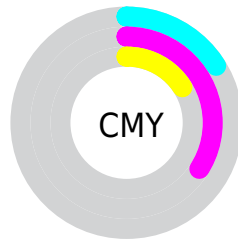
- Red (84%)
- Green (66%)
- Blue (84%)



- Red (84%)
- Yellow (66%)
- Blue (84%)



- Cyan (0%)
- Magenta (21%)
- Yellow (0%)
- Black (16%)




- Cyan (16%)
- Magenta (34%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0064, 0.3143, 0.2758 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 47.0064, 0.3143, 0.2758 by changing the saturation by 10% instead.


 47.0064, 0.3143,
0.2758

 47.0064, 0.3143,
0.2758

374.8401, 0.3140,
0.3012

 33.0407, 0.3143,
0.2698


 85.7232, 0.3143,
0.2848

 22.1576, 0.3141,
0.2623


 111.2431, 0.3142,
0.2882

 13.9728, 0.3139,
0.2526


141.3831, 0.3142,
0.2912

 8.1017, 0.3133,
0.2397

176.5278, 0.3141,
0.2937

 4.1601, 0.3122,
0.2217

217.0614, 0.3141,
0.2960

 1.7635, 0.3094,
0.1950

263.3684, 0.3141,

 0.4643, 0.3078,

0.2979

0.1363

315.8332, 0.3140,
0.2997

0.0000, 0.0000,
0.0000

47.0064, 0.3143,
0.2758

47.0064, 0.3143,
0.2758

39.6724, 0.3149,
0.2509

55.6449, 0.3136,
0.3009

33.5734, 0.3155,
0.2271

65.6409, 0.3128,
0.3254

28.6423, 0.3159,
0.2053

77.0522, 0.3121,
0.3489

24.8037, 0.3161,
0.1864

89.9310, 0.3113,
0.3710

21.9731, 0.3161,
0.1714

90.8791, 0.3115,
0.3724

■ 20.0536, 0.3159,
0.1605

■ 90.9530, 0.3118,
0.3723

■ 18.9296, 0.3156,
0.1540

■ 91.0271, 0.3121,
0.3723

■ 18.4288, 0.3152,
0.1510

■ 91.1014, 0.3124,
0.3722

■ 91.1760, 0.3127,
0.3722

Harmonies

Analogous

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



47.0064, 0.2750, 0.2631



47.0064, 0.3143, 0.2758



47.0064, 0.3557, 0.3005

Triad

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



47.0064, 0.3143, 0.2758



47.0064, 0.3804, 0.3923



47.0064, 0.2442, 0.3185

Complementary

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



47.0064, 0.3143, 0.2758



59.3602, 0.3107, 0.3883

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.



47.0064, 0.2693, 0.3590



47.0064, 0.3143, 0.2758



47.0064, 0.3477, 0.4035

Square

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



47.0064, 0.3143, 0.2758



47.0064, 0.3950, 0.3656



47.0064, 0.3069, 0.3917



47.0064, 0.2366, 0.2847

Rectangle

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



47.0064, 0.3143, 0.2758



47.0064, 0.3779, 0.3213



47.0064, 0.3069, 0.3917



47.0064, 0.2508, 0.3319

Sweetspot

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



47.0084, 0.3143, 0.2758



90.5578, 0.3132, 0.3143



41.7673, 0.2769, 0.2716



19.1730, 0.3132, 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.



47.0084, 0.3143, 0.2758



64.4616, 0.3146, 0.2638



46.1403, 0.3335, 0.2999



12.6177, 0.3134, 0.3060



11.1465, 0.3153, 0.1511



0.6770, 0.3163, 0.1516

Inverse Universe

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



45.1778, 0.3549, 0.3279



61.2530, 0.3674, 0.3276



60.1118, 0.2961, 0.3600



12.4253, 0.3288, 0.3285



8.6496, 0.6374, 0.3285



0.5233, 0.6292, 0.3240

Previews

White Background



This preview shows how the Yxy color 47.0064, 0.3143, 0.2758 looks on a white background.

Color Contrast Check

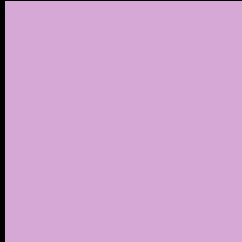
Large Text (above 18pt) WCAG AA × Fail

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 47.0064, 0.3143, 0.2758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

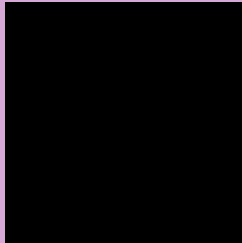
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0064, 0.3143, 0.2758

Background



This preview shows how black text looks on a background with the Yxy color 47.0064, 0.3143, 0.2758.



This preview shows how white text looks on a background with the Yxy color 47.0064, 0.3143, 0.2758.

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

47.0064, 0.3143, 0.2758

Protanopia

47.2597, 0.2756, 0.2767

Deuteranopia

47.0334, 0.2932, 0.2869



Tritanopia

46.9876, 0.3341, 0.3133

Trichromacy



Original Color

47.0064, 0.3143, 0.2758

Protanomaly

46.9093, 0.2889, 0.2755

Deuteranomaly

46.8120, 0.3005, 0.2819

Tritanomaly

46.8130, 0.3266, 0.2992

Monochromacy



Original Color

47.0064, 0.3143, 0.2758

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.4095, 0.3128, 0.3080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0064, 0.3143, 0.2758 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, 168, 214)` looks like.

```
.text, #text, p{  
    color:rgb(213, 168, 214)  
}
```

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, 168, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 168, 214) }
```

Border

The CSS property to change the border of an element to Yxy 47.0064, 0.3143, 0.2758 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, 168, 214) }
```

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

```
.border{ border-color:rgb(213, 168, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 168, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 168, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 168, 214);  
box-shadow:4px 4px 4px 4px rgb(213, 168,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0064, 0.3143, 0.2758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 168, 214) }
```

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

```
.background{ background-color: rgb(213,  
168, 214) }
```

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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