

Converting Colors

$Yxy(48.2360, 0.3154, 0.2689)$

Have a look what the booklet for
Yxy(48.2360, 0.3154, 0.2689)
contains.

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Color

Yxy(48.2300, 0.3156, 0.2685)

Conversions

Conversions Part 1

Format	Color
Hex	DDA7DD
RGB	221, 167, 221
RGB Percent	87%, 65%, 87%
CMY	0.1332, 0.3451, 0.1334
CMYK	0.00, 0.24, 0.00, 0.13
HSL	300°, 44%, 76%
HSV	300°, 24%, 87%
XYZ	56.6905, 48.2300, 74.7071
YIQ	189.3020, 14.8500, 28.2420

Conversions

Conversions Part 2

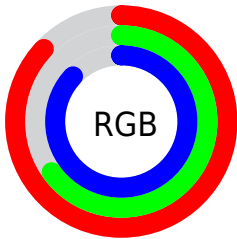
Format	Color
R_{YB}	221, 167, 221
Decimal	14526429
CIE _{Lab}	74.97, 28.77, -19.56
CIE _{LCh}	75, 34.788, 325.797
Yxy	48.2300, 0.3156, 0.2685
Android (android.graphics.Color)	4292716509 (0xFFDDA7DD)
YUV	189.3020, 15.6271, 27.7991
Hunter-Lab	69.4478, 24.1764, -15.1666

Details

The Yxy color $48.2300, 0.3156, 0.2685$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $62.7328, 0.3094, 0.3980$, and the grayscale version is $50.9746, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.2554, 0.3142, 0.2980$, and $22.7871, 0.3151, 0.2527$ is the 20% darker color. If you saturate the color by 10%, you get $40.8131, 0.3168, 0.2440$, and if you desaturate by 10%, it is $57.0351, 0.3144, 0.2935$.

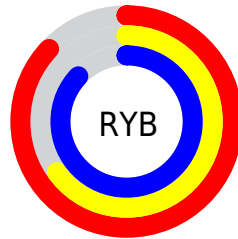
Distribution



Red (87%)

Green (65%)

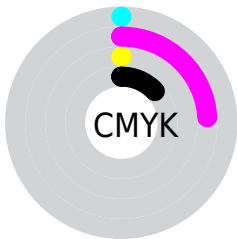
Blue (87%)



Red (87%)

Yellow (65%)

Blue (87%)

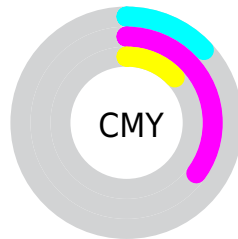


Cyan (0%)

Magenta (24%)

Yellow (0%)

Black (13%)



Cyan (13%)


Magenta (35%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2300, 0.3156, 0.2685 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 48.2300, 0.3156, 0.2685 by changing the saturation by 10% instead.


 48.2300, 0.3156,
0.2685


 48.2300, 0.3156,
0.2685


379.7031, 0.3148,
0.2971

 34.0091, 0.3157,
0.2619


 87.5468, 0.3154,
0.2785

 22.9006, 0.3156,
0.2536

 113.4114, 0.3153,
0.2824

 14.5201, 0.3155,
0.2430


143.9260, 0.3152,
0.2857

 8.4833, 0.3150,
0.2291

179.4750, 0.3151,
0.2886

 4.4057, 0.3139,
0.2100

220.4428, 0.3150,
0.2911

 1.9030, 0.3113,
0.1824

267.2139, 0.3149,

 0.5502, 0.3070,

0.2933

0.1313

320.1725, 0.3148,
0.2953

0.0000, 0.1853,
0.0000

0.0000, 0.0000,
0.0000

48.2300, 0.3156,
0.2685

48.2300, 0.3156,
0.2685

40.8131, 0.3168,
0.2440

57.0351, 0.3144,
0.2935

34.7076, 0.3179,
0.2210

67.2873, 0.3132,
0.3183

29.8391, 0.3189,
0.2004

79.0499, 0.3121,
0.3421

26.1232, 0.3197,
0.1830

92.1194, 0.3110,
0.3643

■ 23.4649, 0.3204,
0.1697

■ 92.1205, 0.3110,
0.3643

■ 21.7541, 0.3208,
0.1607

■ 92.1217, 0.3110,
0.3643

■ 20.8566, 0.3211,
0.1558

■ 92.1228, 0.3110,
0.3643

■ 20.5861, 0.3212,
0.1543

■ 92.1240, 0.3110,
0.3642

■ 92.1251, 0.3110,
0.3642

Harmonies

Analogous

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



48.2300, 0.2699, 0.2535



48.2300, 0.3156, 0.2685



48.2300, 0.3639, 0.2969

Triad

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



48.2300, 0.3156, 0.2685



48.2300, 0.3902, 0.4027



48.2300, 0.2331, 0.3149

Complementary

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



48.2300, 0.3156, 0.2685



62.7328, 0.3094, 0.3980

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.



48.2300, 0.2611, 0.3628



48.2300, 0.3156, 0.2685



48.2300, 0.3515, 0.4162

Square

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



48.2300, 0.3156, 0.2685



48.2300, 0.4085, 0.3714



48.2300, 0.3041, 0.4022



48.2300, 0.2252, 0.2763

Rectangle

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



48.2300, 0.3156, 0.2685



48.2300, 0.3897, 0.3207



48.2300, 0.3041, 0.4022



48.2300, 0.2404, 0.3305

Sweetspot

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



48.2321, 0.3156, 0.2685



89.1342, 0.3135, 0.3119



41.0745, 0.2710, 0.2600



18.8882, 0.3136, 0.3104



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.



48.2321, 0.3156, 0.2685



61.5434, 0.3162, 0.2567



46.9088, 0.3388, 0.2977



13.2746, 0.3138, 0.3060



11.9560, 0.3212, 0.1543



0.7746, 0.3211, 0.1543

Inverse Universe

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



48.2321, 0.3156, 0.2685



61.5434, 0.3162, 0.2567



63.8364, 0.2928, 0.3627



13.2746, 0.3138, 0.3060



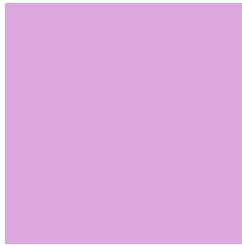
11.9560, 0.3212, 0.1543



0.7746, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 48.2300, 0.3156, 0.2685 looks on a white background.

Color Contrast Check

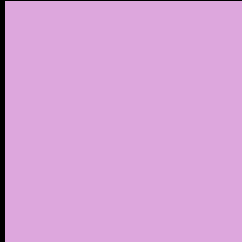
Large Text (above 18pt) WCAG AA × Fail

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 48.2300, 0.3156, 0.2685 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 48.2300, 0.3156, 0.2685

Background



This preview shows how black text looks on a background with the Yxy color 48.2300, 0.3156, 0.2685.



This preview shows how white text looks on a background with the Yxy color 48.2300, 0.3156, 0.2685.

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

48.2300, 0.3156, 0.2685

Protanopia

48.5774, 0.2700, 0.2692

Deuteranopia

48.1436, 0.2889, 0.2825



Tritanopia

48.0739, 0.3395, 0.3125

Trichromacy



Original Color

48.2300, 0.3156, 0.2685

Protanomaly

47.9929, 0.2848, 0.2682

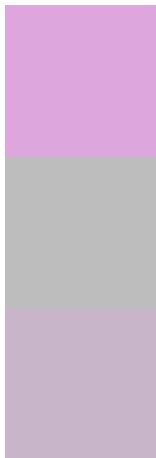
Deuteranomaly

47.9165, 0.2984, 0.2768

Tritanomaly

48.1548, 0.3311, 0.2965

Monochromacy



Original Color

48.2300, 0.3156, 0.2685

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.6823, 0.3139, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2300, 0.3156, 0.2685 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(221, 167, 221)` looks like.

```
.text, #text, p{  
    color:rgb(221, 167, 221)  
}
```

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(221, 167, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 167, 221) }
```

Border

The CSS property to change the border of an element to Yxy 48.2300, 0.3156, 0.2685 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(221, 167, 221) }
```

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

```
.border{ border-color:rgb(221, 167, 221) }
```

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

Here you see how a box with a 4 pixel rgb(221, 167, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 167, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 167, 221);  
box-shadow:4px 4px 4px 4px rgb(221, 167,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2300, 0.3156, 0.2685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 167, 221) }
```

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

```
.background{ background-color: rgb(221,  
167, 221) }
```

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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