

Converting Colors

$Y_{xy}(47.5364, 0.3178, 0.2641)$

Have a look what the booklet for
Yxy(47.5364, 0.3178, 0.2641)
contains.

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Color

Yxy(47.3156, 0.3175, 0.2635)

Conversions

Conversions Part 1

Format	Color
Hex	E0A3DE
RGB	224, 163, 222
RGB Percent	88%, 64%, 87%
CMY	0.1217, 0.3607, 0.1294
CMYK	0.00, 0.27, 0.01, 0.12
HSL	302°, 50%, 76%
HSV	302°, 27%, 88%
XYZ	57.0122, 47.3156, 75.2381
YIQ	187.9650, 17.4170, 31.2810

Conversions

Conversions Part 2

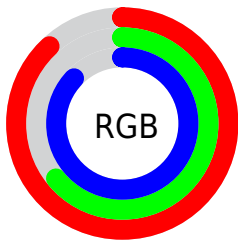
Format	Color
RYB	224, 163, 222
Decimal	14722014
CIELab	74.39, 32.06, -20.97
CIELCh	74, 38.308, 326.812
Yxy	47.3156, 0.3175, 0.2635
Android (android.graphics.Color)	4292912094 (0xFFE0A3DE)
YUV	187.9650, 16.7793, 31.6027
Hunter-Lab	68.7863, 27.5700, -16.7006

Details

The Yxy color **47.3156, 0.3175, 0.2635** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **63.7919, 0.3079, 0.4046**, and the grayscale version is **50.1645, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6228, 0.3144, 0.2930**, and **22.2667, 0.3178, 0.2466** is the 20% darker color. If you saturate the color by 10%, you get **40.0167, 0.3194, 0.2399**, and if you desaturate by 10%, it is **56.0271, 0.3156, 0.2878**.

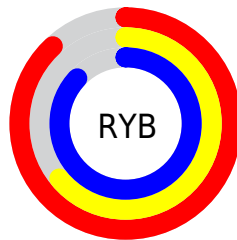
Distribution



Red (88%)

Green (64%)

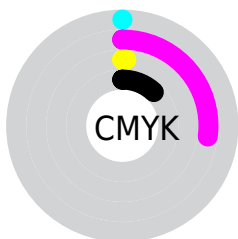
Blue (87%)



Red (88%)

Yellow (64%)

Blue (87%)

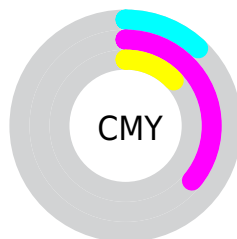


Cyan (0%)

Magenta (27%)

Yellow (1%)

Black (12%)



Cyan (12%)


Magenta (36%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3156, 0.3175, 0.2635 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 47.3156, 0.3175, 0.2635 by changing the saturation by 10% instead.

 47.3156, 0.3175,
0.2635


 47.3156, 0.3175,
0.2635


376.0729, 0.3158,
0.2944

 33.2852, 0.3177,
0.2563


 86.1845, 0.3170,
0.2743

 22.3450, 0.3179,
0.2475


 111.7919, 0.3168,
0.2785

 14.1106, 0.3180,
0.2361


142.0270, 0.3166,
0.2821

 8.1977, 0.3179,
0.2213

177.2742, 0.3164,
0.2852

 4.2217, 0.3171,
0.2009

217.9181, 0.3163,
0.2879

 1.7983, 0.3148,
0.1718

264.3428, 0.3161,

 0.4861, 0.3121,

0.2903

0.1156

316.9330, 0.3160,
0.2924

0.0000, 0.1959,
0.0000

0.0000, 0.0000,
0.0000

47.3156, 0.3175,
0.2635

47.3156, 0.3175,
0.2635

40.0167, 0.3194,
0.2399

56.0271, 0.3156,
0.2878

34.0499, 0.3213,
0.2178

66.2137, 0.3139,
0.3120

29.3361, 0.3232,
0.1984

77.9419, 0.3123,
0.3354

25.7854, 0.3249,
0.1824

91.2722, 0.3108,
0.3577

23.2960, 0.3265,
0.1704

92.8284, 0.3103,
0.3593

21.7484, 0.3278,
0.1629

92.8678, 0.3099,
0.3586

20.9851, 0.3289,
0.1593

92.9073, 0.3095,
0.3578

20.8388, 0.3292,
0.1587

92.9469, 0.3091,
0.3571

92.9868, 0.3087,
0.3563

Harmonies

Analogous

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



47.3156, 0.2669, 0.2465



47.3156, 0.3175, 0.2635



47.3156, 0.3710, 0.2947

Triad

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



47.3156, 0.3175, 0.2635



47.3156, 0.3969, 0.4109



47.3156, 0.2245, 0.3111

Complementary

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



47.3156, 0.3175, 0.2635



63.7919, 0.3079, 0.4046

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.



47.3156, 0.2542, 0.3647



47.3156, 0.3175, 0.2635



47.3156, 0.3534, 0.4260

Square

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



47.3156, 0.3175, 0.2635



47.3156, 0.4185, 0.3762



47.3156, 0.3010, 0.4098



47.3156, 0.2168, 0.2693

Rectangle

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



47.3156, 0.3175, 0.2635



47.3156, 0.3993, 0.3208



47.3156, 0.3010, 0.4098



47.3156, 0.2321, 0.3285

Sweetspot

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



47.3177, 0.3175, 0.2635



87.6259, 0.3140, 0.3100



39.4797, 0.2663, 0.2511



18.2897, 0.3143, 0.3063



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.



47.3177, 0.3175, 0.2635



57.3770, 0.3186, 0.2491



45.8703, 0.3435, 0.2951



13.9277, 0.3143, 0.3066



12.1387, 0.3290, 0.1586



0.8438, 0.3277, 0.1579

Inverse Universe

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



47.3177, 0.3175, 0.2635



57.3770, 0.3186, 0.2491



64.9940, 0.2901, 0.3657



13.9277, 0.3143, 0.3066



12.1387, 0.3290, 0.1586



0.8438, 0.3277, 0.1579

Previews

White Background



This preview shows how the Yxy color 47.3156, 0.3175, 0.2635 looks on a white background.

Color Contrast Check

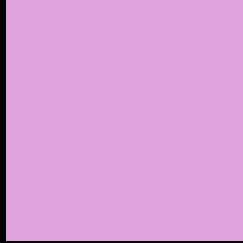
Large Text (above 18pt) WCAG AA × Fail

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 47.3156, 0.3175, 0.2635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

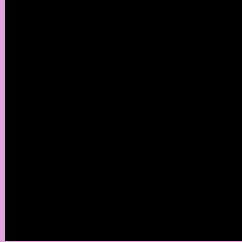
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.3156, 0.3175, 0.2635

Background



This preview shows how black text looks on a background with the Yxy color 47.3156, 0.3175, 0.2635.



This preview shows how white text looks on a background with the Yxy color 47.3156, 0.3175, 0.2635.

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

47.3156, 0.3175, 0.2635

Protanopia

47.5920, 0.2658, 0.2630

Deuteranopia

47.5450, 0.2866, 0.2799



Tritanopia

47.2284, 0.3463, 0.3137

Trichromacy



Original Color

47.3156, 0.3175, 0.2635

Protanomaly

46.9324, 0.2832, 0.2624

Deuteranomaly

47.1966, 0.2977, 0.2733

Tritanomaly

47.0408, 0.3361, 0.2943

Monochromacy



Original Color

47.3156, 0.3175, 0.2635

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

48.8278, 0.3148, 0.3035

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3156, 0.3175, 0.2635 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(224, 163, 222)` looks like.

```
.text, #text, p{  
    color:rgb(224, 163, 222)  
}
```

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(224, 163, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 163, 222) }
```

Border

The CSS property to change the border of an element to Yxy 47.3156, 0.3175, 0.2635 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(224, 163, 222) }
```

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

```
.border{ border-color:rgb(224, 163, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 163, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 163, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 163, 222); box-shadow:4px 4px 4px 4px rgb(224, 163, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3156, 0.3175, 0.2635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 163, 222) }
```

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

```
.background{ background-color: rgb(224,  
163, 222) }
```

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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