

Converting Colors

Yxy(44.3834, 0.3193, 0.2599)

Have a look what the booklet for
Yxy(44.3834, 0.3193, 0.2599)
contains.

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Color

Yxy(44.2110, 0.3187, 0.2592)

Conversions

Conversions Part 1

Format	Color
Hex	DD9CDA
RGB	221, 156, 218
RGB Percent	87%, 61%, 85%
CMY	0.1334, 0.3882, 0.1451
CMYK	0.00, 0.29, 0.01, 0.13
HSL	303°, 49%, 74%
HSV	303°, 29%, 87%
XYZ	54.3597, 44.2110, 71.9964
YIQ	182.5030, 18.8380, 33.0620

Conversions

Conversions Part 2

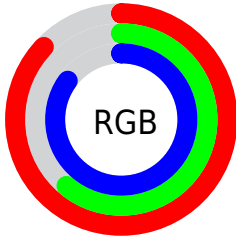
Format	Color
R_{YB}	221, 156, 218
Decimal	14523610
CIE _{Lab}	72.37, 34.13, -21.88
CIE _{LCh}	72, 40.542, 327.339
Yxy	44.2110, 0.3187, 0.2592
Android (android.graphics.Color)	4292713690 (0xFFDD9CDA)
YUV	182.5030, 17.5000, 33.7619
Hunter-Lab	66.4914, 29.5721, -17.6549

Details

The Yxy color $44.2110, 0.3187, 0.2592$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $61.2809, 0.3069, 0.4104$, and the grayscale version is $46.9637, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.0685, 0.3147, 0.2861$, and $20.5443, 0.3193, 0.2422$ is the 20% darker color. If you saturate the color by 10%, you get $37.4051, 0.3210, 0.2361$, and if you desaturate by 10%, it is $52.3704, 0.3165, 0.2831$.

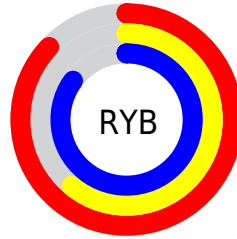
Distribution



Red (87%)

Green (61%)

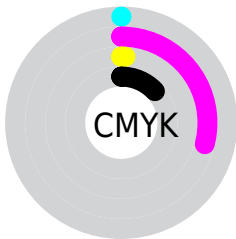
Blue (85%)



Red (87%)

Yellow (61%)

Blue (85%)

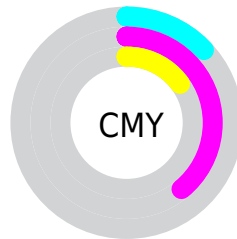


Cyan (0%)

Magenta (29%)

Yellow (1%)

Black (13%)



Cyan (13%)


Magenta (39%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2110, 0.3187, 0.2592 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 44.2110, 0.3187, 0.2592 by changing the saturation by 10% instead.

 44.2110, 0.3187,
0.2592


 44.2110, 0.3187,
0.2592

363.5686, 0.3165,
0.2923

 30.8364, 0.3190,
0.2515

 81.5352, 0.3181,
0.2708

 20.4743, 0.3193,
0.2418


 106.2535, 0.3178,
0.2753

 12.7403, 0.3195,
0.2295


135.5219, 0.3175,
0.2792

 7.2500, 0.3195,
0.2133

169.7248, 0.3173,
0.2825

 3.6189, 0.3188,
0.1910

209.2465, 0.3171,
0.2854

 1.4628, 0.3162,
0.1590

254.4714, 0.3169,

 0.2623, 0.3198,

0.2880

0.0758

305.7840, 0.3167,
0.2903

0.0000, 0.0473,
0.0000

0.0000, 0.0000,
0.0000

44.2110, 0.3187,
0.2592

44.2110, 0.3187,
0.2592

37.4051, 0.3210,
0.2361

52.3704, 0.3165,
0.2831

31.8735, 0.3233,
0.2148

61.9450, 0.3145,
0.3071

27.5382, 0.3255,
0.1961

73.0001, 0.3126,
0.3304

24.3097, 0.3277,
0.1811

85.5949, 0.3109,
0.3526

■ 22.0865, 0.3296,
0.1702

■ 92.2234, 0.3099,
0.3622

■ 20.7482, 0.3314,
0.1637

■ 92.2785, 0.3093,
0.3611

■ 20.0962, 0.3328,
0.1609

■ 92.3340, 0.3087,
0.3600

■ 20.0646, 0.3329,
0.1608

■ 92.3898, 0.3081,
0.3589

■ 92.4459, 0.3076,
0.3578

Harmonies

Analogous

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



44.2110, 0.2640, 0.2407



44.2110, 0.3187, 0.2592



44.2110, 0.3767, 0.2927

Triad

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



44.2110, 0.3187, 0.2592



44.2110, 0.4027, 0.4174



44.2110, 0.2175, 0.3082

Complementary

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



44.2110, 0.3187, 0.2592



61.2809, 0.3069, 0.4104

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.



44.2110, 0.2487, 0.3667



44.2110, 0.3187, 0.2592



44.2110, 0.3552, 0.4343

Square

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



44.2110, 0.3187, 0.2592



44.2110, 0.4269, 0.3799



44.2110, 0.2987, 0.4165



44.2110, 0.2099, 0.2637

Rectangle

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



44.2110, 0.3187, 0.2592



44.2110, 0.4072, 0.3205



44.2110, 0.2987, 0.4165



44.2110, 0.2254, 0.3270

Sweetspot

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



44.2129, 0.3187, 0.2592



86.1535, 0.3144, 0.3079



36.2871, 0.2628, 0.2440



17.9955, 0.3147, 0.3044



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.



44.2129, 0.3187, 0.2592



55.3996, 0.3200, 0.2455



42.7105, 0.3477, 0.2935



13.2639, 0.3145, 0.3070



11.6615, 0.3327, 0.1607



0.7588, 0.3306, 0.1595

Inverse Universe

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



44.2129, 0.3187, 0.2592



55.3996, 0.3200, 0.2455



62.5245, 0.2878, 0.3677



13.2639, 0.3145, 0.3070



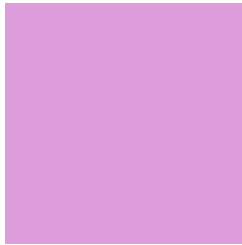
11.6615, 0.3327, 0.1607



0.7588, 0.3306, 0.1595

Previews

White Background



This preview shows how the Yxy color 44.2110, 0.3187, 0.2592 looks on a white background.

Color Contrast Check

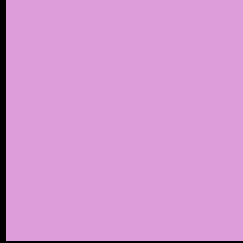
Large Text (above 18pt) WCAG AA × Fail

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 44.2110, 0.3187, 0.2592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

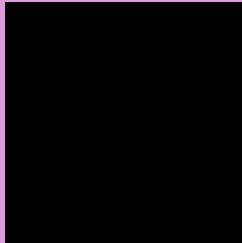
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2110, 0.3187, 0.2592

Background



This preview shows how black text looks on a background with the Yxy color 44.2110, 0.3187, 0.2592.



This preview shows how white text looks on a background with the Yxy color 44.2110, 0.3187, 0.2592.

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

44.2110, 0.3187, 0.2592

Protanopia

44.6634, 0.2621, 0.2590

Deuteranopia

44.5255, 0.2836, 0.2773



Tritanopia

44.1723, 0.3494, 0.3134

Trichromacy



Original Color

44.2110, 0.3187, 0.2592



Protanomaly

44.1123, 0.2803, 0.2586



Deuteranomaly

43.9328, 0.2957, 0.2695



Tritanomaly

44.0472, 0.3378, 0.2925

Monochromacy



Original Color

44.2110, 0.3187, 0.2592



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.7430, 0.3149, 0.3005

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2110, 0.3187, 0.2592 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, 156, 218)` looks like.

```
.text, #text, p{  
    color:rgb(221, 156, 218)  
}
```

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, 156, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 156, 218) }
```

Border

The CSS property to change the border of an element to Yxy 44.2110, 0.3187, 0.2592 is called "border". The border property can be set on classes, ids or directly on the HTML element.

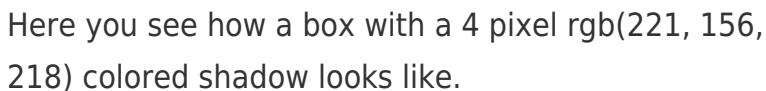
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(221, 156, 218) }
```

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

```
.border{ border-color:rgb(221, 156, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(221, 156, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 156, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 156, 218); box-shadow:4px 4px 4px 4px rgb(221, 156, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2110, 0.3187, 0.2592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 156, 218) }
```

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

```
.background{ background-color: rgb(221,  
156, 218) }
```

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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