

Converting Colors

$Y_{xy}(44.7965, 0.2991, 0.2483)$

Have a look what the booklet for
Yxy(44.7965, 0.2991, 0.2483)
contains.

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Color

Yxy(44.7600, 0.2992, 0.2486)

Conversions

Conversions Part 1

Format	Color
Hex	D3A0E7
RGB	211, 160, 231
RGB Percent	83%, 63%, 91%
CMY	0.1724, 0.3726, 0.0940
CMYK	0.09, 0.31, 0.00, 0.09
HSL	283°, 60%, 77%
HSV	283°, 31%, 91%
XYZ	53.8704, 44.7600, 81.4178
YIQ	183.3430, 7.6050, 32.8930

Conversions

Conversions Part 2

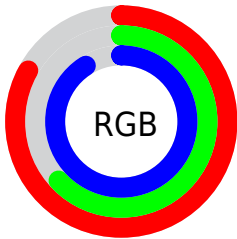
Format	Color
R _Y B	211, 160, 231
Decimal	13869287
CIE Lab	72.73, 31.31, -28.54
CIE LCh	73, 42.368, 317.650
Yxy	44.7600, 0.2992, 0.2486
Android (android.graphics.Color)	4292059367 (0xFFD3A0E7)
YUV	183.3430, 23.4949, 24.2552
Hunter-Lab	66.9029, 26.6487, -25.3212

Details

The Yxy color $44.7600, 0.2992, 0.2486$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $69.4004, 0.3219, 0.4157$, and the grayscale version is $47.4199, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.0809, 0.3145, 0.2900$, and $20.8882, 0.2950, 0.2299$ is the 20% darker color. If you saturate the color by 10%, you get $36.5432, 0.2933, 0.2214$, and if you desaturate by 10%, it is $54.5076, 0.3044, 0.2758$.

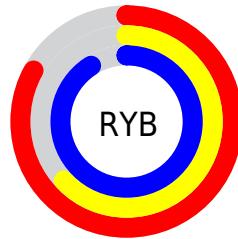
Distribution



Red (83%)

Green (63%)

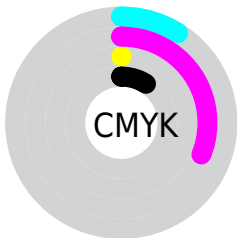
Blue (91%)



Red (83%)

Yellow (63%)

Blue (91%)

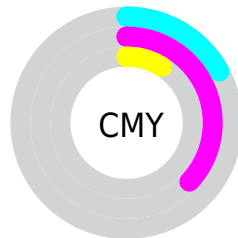


Cyan (9%)

Magenta (31%)

Yellow (0%)

Black (9%)



Cyan (17%)


Magenta (37%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7600, 0.2992, 0.2486 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 44.7600, 0.2992, 0.2486 by changing the saturation by 10% instead.


 44.7600, 0.2992,
0.2486

 44.7600, 0.2992,
0.2486


365.8007, 0.3068,
0.2864

 31.2684, 0.2971,
0.2399


 82.3601, 0.3021,
0.2618

 20.8033, 0.2943,
0.2291


 107.2375, 0.3032,
0.2669

 12.9803, 0.2905,
0.2154


136.6789, 0.3040,
0.2713

 7.4150, 0.2850,
0.1976

171.0688, 0.3048,
0.2751

 3.7230, 0.2764,
0.1737

210.7915, 0.3054,
0.2785

 1.5198, 0.2620,
0.1402

256.2315, 0.3059,

 0.3026, 0.2411,

0.2814

0.0682

307.7731, 0.3064,
0.2841

0.0000, 0.0000,
0.0000

44.7600, 0.2992,
0.2486

44.7600, 0.2992,
0.2486

36.5432, 0.2933,
0.2214

54.5076, 0.3044,
0.2758

29.7683, 0.2866,
0.1951

65.8569, 0.3088,
0.3022

24.3463, 0.2794,
0.1710

78.8812, 0.3125,
0.3272

20.1754, 0.2718,
0.1503

93.6476, 0.3155,
0.3505

17.1393, 0.2641,
0.1338

96.4396, 0.3194,
0.3527

■ 15.0991, 0.2565,
0.1221

■ 97.6193, 0.3236,
0.3524

■ 13.8842, 0.2498,
0.1150

■ 98.5508, 0.3268,
0.3522

Harmonies

Analogous

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



44.7600, 0.2471, 0.2354



44.7600, 0.2992, 0.2486



44.7600, 0.3606, 0.2787

Triad

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



44.7600, 0.2992, 0.2486



44.7600, 0.4175, 0.4095



44.7600, 0.2218, 0.3261

Complementary

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



44.7600, 0.2992, 0.2486



69.4004, 0.3219, 0.4157

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.



44.7600, 0.2612, 0.3875



44.7600, 0.2992, 0.2486



44.7600, 0.3743, 0.4363

Square

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



44.7600, 0.2992, 0.2486



44.7600, 0.4325, 0.3667



44.7600, 0.3168, 0.4307



44.7600, 0.2060, 0.2735

Rectangle

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



44.7600, 0.2992, 0.2486



44.7600, 0.3971, 0.3056



44.7600, 0.3168, 0.4307



44.7600, 0.2325, 0.3467

Sweetspot

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



44.7619, 0.2992, 0.2486



85.0179, 0.3095, 0.3065



45.9296, 0.2612, 0.2650



17.7140, 0.3089, 0.3028



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.



44.7619, 0.2992, 0.2486



49.1583, 0.2955, 0.2310



47.0669, 0.3294, 0.2679



14.4009, 0.3093, 0.3055



7.8474, 0.2509, 0.1156



0.6260, 0.2615, 0.1214

Inverse Universe

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



45.4217, 0.3626, 0.3063



50.2232, 0.3776, 0.3014



67.7463, 0.2996, 0.3991



14.4343, 0.3248, 0.3224



9.7562, 0.5822, 0.2981



0.7364, 0.5405, 0.2751

Previews

White Background



This preview shows how the Yxy color 44.7600, 0.2992, 0.2486 looks on a white background.

Color Contrast Check

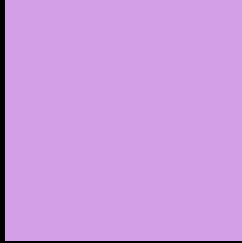
Large Text (above 18pt) WCAG AA × Fail

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 44.7600, 0.2992, 0.2486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

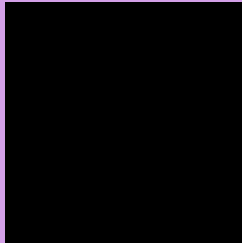
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7600, 0.2992, 0.2486

Background



This preview shows how black text looks on a background with the Yxy color 44.7600, 0.2992, 0.2486.



This preview shows how white text looks on a background with the Yxy color 44.7600, 0.2992, 0.2486.

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

44.7600, 0.2992, 0.2486

Protanopia

44.8927, 0.2529, 0.2468

Deuteranopia

44.8074, 0.2695, 0.2630



Tritanopia

44.6322, 0.3327, 0.3117

Trichromacy



Original Color

44.7600, 0.2992, 0.2486

Protanomaly

44.4464, 0.2677, 0.2463

Deuteranomaly

44.7209, 0.2798, 0.2578

Tritanomaly

44.7080, 0.3209, 0.2882

Monochromacy



Original Color

44.7600, 0.2992, 0.2486

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.1675, 0.3081, 0.2979

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7600, 0.2992, 0.2486 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(211, 160, 231)` looks like.

```
.text, #text, p{  
    color:rgb(211, 160, 231)  
}
```

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(211, 160, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 160, 231) }
```

Border

The CSS property to change the border of an element to Yxy 44.7600, 0.2992, 0.2486 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(211, 160, 231) }
```

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

```
.border{ border-color:rgb(211, 160, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 160, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 160, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 160, 231);  
box-shadow:4px 4px 4px 4px rgb(211, 160,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7600, 0.2992, 0.2486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 160, 231) }
```

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

```
.background{ background-color: rgb(211,  
160, 231) }
```

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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