

Converting Colors

$Y_{xy}(43.9285, 0.2947, 0.2495)$

Have a look what the booklet for
Yxy(43.9285, 0.2947, 0.2495)
contains.

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Color

Yxy(44.0403, 0.2941, 0.2494)

Conversions

Conversions Part 1

Format	Color
Hex	CCA1E6
RGB	204, 161, 230
RGB Percent	80%, 63%, 90%
CMY	0.1999, 0.3686, 0.0981
CMYK	0.11, 0.30, 0.00, 0.10
HSL	277°, 58%, 77%
HSV	277°, 30%, 90%
XYZ	51.9336, 44.0403, 80.6111
YIQ	181.7230, 3.4790, 30.5750

Conversions

Conversions Part 2

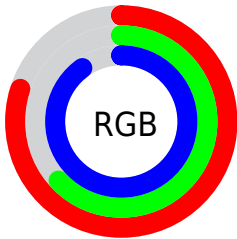
Format	Color
R_{YB}	204, 161, 230
Decimal	13410790
CIE _{Lab}	72.26, 28.35, -28.76
CIE _{LCh}	72, 40.390, 314.588
Yxy	44.0403, 0.2941, 0.2494
Android (android.graphics.Color)	4291600870 (0xFFCCA1E6)
YUV	181.7230, 23.8006, 19.5369
Hunter-Lab	66.3629, 23.5539, -25.5656

Details

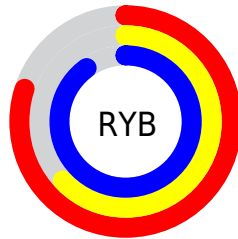
The Yxy color **44.0403, 0.2941, 0.2494** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **69.7131, 0.3263, 0.4121**, and the grayscale version is **46.4896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5917, 0.3145, 0.2910**, and **20.3828, 0.2881, 0.2303** is the 20% darker color. If you saturate the color by 10%, you get **35.5414, 0.2859, 0.2210**, and if you desaturate by 10%, it is **54.0890, 0.3013, 0.2773**.

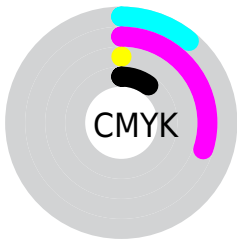
Distribution



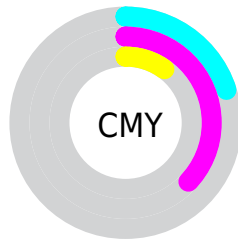
- Red (80%)
- Green (63%)
- Blue (90%)



- Red (80%)
- Yellow (63%)
- Blue (90%)



- Cyan (11%)
- Magenta (30%)
- Yellow (0%)
- Black (10%)





- Cyan (20%)
- Magenta (37%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0403, 0.2941, 0.2494 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 44.0403, 0.2941, 0.2494 by changing the saturation by 10% instead.

 44.0403, 0.2941,
0.2494

 44.0403, 0.2941,
0.2494


362.8727, 0.3042,
0.2871

 30.7022, 0.2914,
0.2407


 81.2784, 0.2979,
0.2626

 20.3722, 0.2879,
0.2298


 105.9471, 0.2993,
0.2677

 12.6659, 0.2831,
0.2161


135.1616, 0.3004,
0.2721

 7.1989, 0.2763,
0.1981

169.3061, 0.3014,
0.2758

 3.5868, 0.2658,
0.1738

208.7651, 0.3023,
0.2792

 1.4452, 0.2487,
0.1396

253.9229, 0.3030,

 0.2497, 0.2243,

0.2821

0.0601

305.1640, 0.3036,
0.2847

0.0000, 0.0000,
0.0000

44.0403, 0.2941,
0.2494

44.0403, 0.2941,
0.2494

35.5414, 0.2859,
0.2210

54.0890, 0.3013,
0.2773

28.5045, 0.2768,
0.1932

65.7580, 0.3075,
0.3040

22.8413, 0.2670,
0.1671

79.1199, 0.3127,
0.3290

18.4516, 0.2568,
0.1442

94.2416, 0.3171,
0.3521

15.2209, 0.2465,
0.1254

97.0579, 0.3224,
0.3536

■ 13.0133, 0.2366,
0.1117

■ 98.4921, 0.3274,
0.3532

■ 11.5950, 0.2273,
0.1026

■ 11.5945, 0.2273,
0.1026

Harmonies

Analogous

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



44.0403, 0.2455, 0.2386



44.0403, 0.2941, 0.2494



44.0403, 0.3528, 0.2771

Triad

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



44.0403, 0.2941, 0.2494



44.0403, 0.4163, 0.4029



44.0403, 0.2282, 0.3324

Complementary

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



44.0403, 0.2941, 0.2494



69.7131, 0.3263, 0.4121

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.



44.0403, 0.2684, 0.3904



44.0403, 0.2941, 0.2494



44.0403, 0.3772, 0.4305

Square

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



44.0403, 0.2941, 0.2494



44.0403, 0.4271, 0.3611



44.0403, 0.3228, 0.4284



44.0403, 0.2104, 0.2802

Rectangle

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



44.0403, 0.2941, 0.2494



44.0403, 0.3888, 0.3025



44.0403, 0.3228, 0.4284



44.0403, 0.2393, 0.3522

Sweetspot

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



44.0422, 0.2941, 0.2494



84.6208, 0.3080, 0.3064



49.0160, 0.2636, 0.2758



17.6159, 0.3072, 0.3027



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.



44.0422, 0.2941, 0.2494



48.7748, 0.2891, 0.2318



47.5780, 0.3230, 0.2625



14.3303, 0.3078, 0.3054



6.6375, 0.2287, 0.1034



0.5432, 0.2421, 0.1107

Inverse Universe

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



45.8931, 0.3547, 0.2996



51.5902, 0.3668, 0.2932



67.0254, 0.3039, 0.4061



14.4572, 0.3234, 0.3202



9.9311, 0.5468, 0.2786



0.7515, 0.5071, 0.2567

Previews

White Background



This preview shows how the Yxy color 44.0403, 0.2941, 0.2494 looks on a white background.

Color Contrast Check

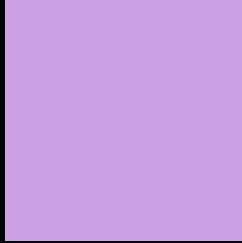
Large Text (above 18pt) WCAG AA × Fail

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 44.0403, 0.2941, 0.2494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

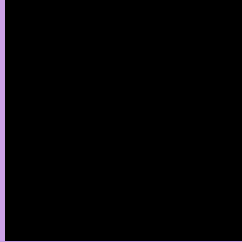
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0403, 0.2941, 0.2494

Background



This preview shows how black text looks on a background with the Yxy color 44.0403, 0.2941, 0.2494.



This preview shows how white text looks on a background with the Yxy color 44.0403, 0.2941, 0.2494.

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

44.0403, 0.2941, 0.2494

Protanopia

44.2799, 0.2532, 0.2474

Deuteranopia

44.1430, 0.2686, 0.2626



Tritanopia

44.0387, 0.3262, 0.3126

Trichromacy



Original Color

44.0403, 0.2941, 0.2494

Protanomaly

43.9778, 0.2668, 0.2479

Deuteranomaly

43.8011, 0.2773, 0.2570

Tritanomaly

44.0869, 0.3146, 0.2886

Monochromacy



Original Color

44.0403, 0.2941, 0.2494

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.3428, 0.3064, 0.2976

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0403, 0.2941, 0.2494 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(204, 161, 230)` looks like.

```
.text, #text, p{  
    color:rgb(204, 161, 230)  
}
```

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(204, 161, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 161, 230) }
```

Border

The CSS property to change the border of an element to Yxy 44.0403, 0.2941, 0.2494 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(204, 161, 230) }
```

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

```
.border{ border-color:rgb(204, 161, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 161, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 161, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 161, 230);  
box-shadow:4px 4px 4px 4px rgb(204, 161,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0403, 0.2941, 0.2494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 161, 230) }
```

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

```
.background{ background-color: rgb(204,  
161, 230) }
```

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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