

Converting Colors

$Y_{xy}(10.9989, 0.2912, 0.2290)$

Have a look what the booklet for
Yxy(10.9989, 0.2912, 0.2290)
contains.

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Color

Yxy(10.9807, 0.2901, 0.2280)

Conversions

Conversions Part 1

Format	Color
Hex	725084
RGB	114, 80, 132
RGB Percent	45%, 31%, 52%
CMY	0.5530, 0.6862, 0.4824
CMYK	0.14, 0.39, 0.00, 0.48
HSL	279°, 25%, 42%
HSV	279°, 39%, 52%
XYZ	13.9715, 10.9807, 23.2088
YIQ	96.0940, 3.5720, 23.3800

Conversions

Conversions Part 2

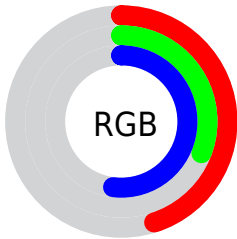
Format	Color
R_{YB}	114, 80, 132
Decimal	7491716
CIE _{Lab}	39.55, 24.45, -23.70
CIE _{LCh}	40, 34.049, 315.892
Yxy	10.9807, 0.2901, 0.2280
Android (android.graphics.Color)	4285681796 (0xFF725084)
YUV	96.0940, 17.7017, 15.7036
Hunter-Lab	33.1371, 17.2703, -18.3299

Details

The Yxy color **10.9807, 0.2901, 0.2280** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **19.6758, 0.3273, 0.4370**, and the grayscale version is **11.6771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6835, 0.2974, 0.2519**, and **2.8771, 0.2764, 0.1860** is the 20% darker color. If you saturate the color by 10%, you get **8.9355, 0.2823, 0.2015**, and if you desaturate by 10%, it is **13.4219, 0.2971, 0.2549**.

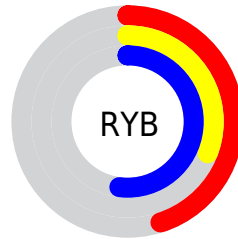
Distribution



Red (45%)

Green (31%)

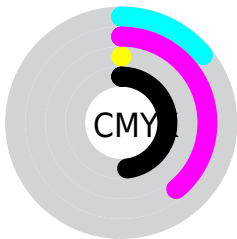
Blue (52%)



Red (45%)

Yellow (31%)

Blue (52%)

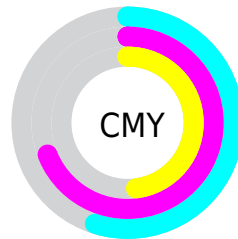


Cyan (14%)

Magenta (39%)

Yellow (0%)

Black (48%)



Cyan (55%)

Magenta (69%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.9807, 0.2901, 0.2280 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 10.9807, 0.2901, 0.2280 by changing the saturation by 10% instead.

10.9807, 0.2901,
0.2280

10.9807, 0.2901,
0.2280

197.5351, 0.3051,
0.2863

6.0539, 0.2843,
0.2104

27.6245, 0.2968,
0.2513

2.8779, 0.2752,
0.1857

40.1102, 0.2989,
0.2594

1.0683, 0.2590,
0.1493

55.8843, 0.3006,
0.2660

0.0000, 0.2385,
0.0000

75.3313, 0.3019,
0.2714

0.0000, 0.0000,
0.0000

98.8354, 0.3029,
0.2760

126.7812, 0.3038,

0.2799

159.5530, 0.3045,
0.2833

■ 10.9807, 0.2901,
0.2280

■ 10.9807, 0.2901,
0.2280

■ 8.9355, 0.2823,
0.2015

■ 13.4219, 0.2971,
0.2549

■ 7.2623, 0.2738,
0.1764

■ 16.2784, 0.3032,
0.2813

■ 5.9367, 0.2649,
0.1538


■ 19.5700, 0.3085,
0.3066


■ 4.9306, 0.2558,
0.1348


■ 23.3146, 0.3130,
0.3304


■ 4.2116, 0.2468,
0.1202


■ 27.5293, 0.3167,
0.3525

 3.6892, 0.2381,
0.1089

 32.2303, 0.3198,
0.3727

 3.6580, 0.2376,
0.1082

 37.4328, 0.3223,
0.3911

 43.1514, 0.3243,
0.4078

 49.4004, 0.3259,
0.4228

Harmonies

Analogous

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



10.9807, 0.2269, 0.2129



10.9807, 0.2901, 0.2280



10.9807, 0.3688, 0.2633

Triad

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



10.9807, 0.2901, 0.2280



10.9807, 0.4463, 0.4239



10.9807, 0.2004, 0.3278

Complementary

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



10.9807, 0.2901, 0.2280



19.6758, 0.3273, 0.4370

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.



10.9807, 0.2497, 0.4101



10.9807, 0.2901, 0.2280



10.9807, 0.3917, 0.4643

Square

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



10.9807, 0.2901, 0.2280



10.9807, 0.4653, 0.3688



10.9807, 0.3197, 0.4647



10.9807, 0.1806, 0.2598

Rectangle

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



10.9807, 0.2901, 0.2280



10.9807, 0.4173, 0.2952



10.9807, 0.3197, 0.4647



10.9807, 0.2138, 0.3554

Sweetspot

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



10.9812, 0.2901, 0.2280



32.7246, 0.3071, 0.2994



12.1447, 0.2494, 0.2554



7.4724, 0.3065, 0.2968



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10.9812, 0.2901, 0.2280



16.1841, 0.2834, 0.2050



12.1033, 0.3288, 0.2482



4.6843, 0.3086, 0.3072



3.5455, 0.2377, 0.1083



0.0163, 0.2771, 0.1300

Inverse Universe

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



11.5252, 0.3729, 0.2946



17.3630, 0.3929, 0.2871



18.9068, 0.3001, 0.4262



4.7134, 0.3229, 0.3215



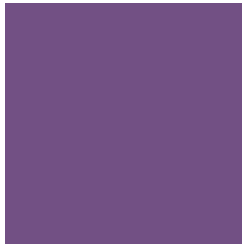
4.9394, 0.5518, 0.2814



0.0184, 0.4476, 0.2240

Previews

White Background



This preview shows how the Yxy color 10.9807, 0.2901, 0.2280 looks on a white 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 × Fail

Black Background



This preview shows how the Yxy color 10.9807, 0.2901, 0.2280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

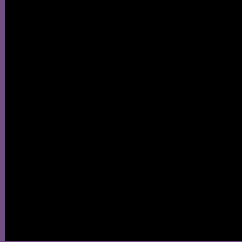
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.9807, 0.2901, 0.2280

Background



This preview shows how black text looks on a background with the Yxy color 10.9807, 0.2901, 0.2280.



This preview shows how white text looks on a background with the Yxy color 10.9807, 0.2901, 0.2280.

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

10.9807, 0.2901, 0.2280

Protanopia

11.1438, 0.2340, 0.2231

Deuteranopia

11.0153, 0.2505, 0.2452



Tritanopia

10.9938, 0.3348, 0.3135

Trichromacy



Original Color

10.9807, 0.2901, 0.2280

Protanomaly

10.9881, 0.2519, 0.2252

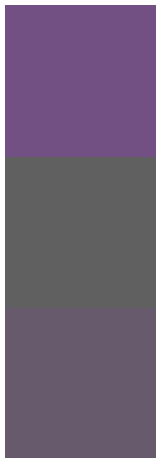
Deuteranomaly

10.9453, 0.2631, 0.2380

Tritanomaly

10.8947, 0.3183, 0.2799

Monochromacy



Original Color

10.9807, 0.2901, 0.2280

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.3000, 0.3054, 0.2873

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9807, 0.2901, 0.2280 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(114, 80, 132)` looks like.

```
.text, #text, p{  
    color:rgb(114, 80, 132)  
}
```

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(114, 80, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 80, 132) }
```

Border

The CSS property to change the border of an element to Yxy 10.9807, 0.2901, 0.2280 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(114, 80, 132) }
```

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

```
.border{ border-color:rgb(114, 80, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 80, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 80, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 80, 132);  
box-shadow:4px 4px 4px 4px rgb(114, 80,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9807, 0.2901, 0.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 80, 132) }
```

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

```
.background{ background-color: rgb(114, 80,  
132) }
```

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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