

Converting Colors

$Y_{xy}(29.3402, 0.2944, 0.2391)$

Have a look what the booklet for
Yxy(29.3402, 0.2944, 0.2391)
contains.

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Color

Yxy(29.2726, 0.2945, 0.2389)

Conversions

Conversions Part 1	
Format	Color
Hex	B082C6
RGB	176, 130, 198
RGB Percent	69%, 51%, 78%
CMY	0.3097, 0.4902, 0.2235
CMYK	0.11, 0.34, 0.00, 0.22
HSL	281°, 37%, 64%
HSV	281°, 34%, 78%
XYZ	36.0853, 29.2726, 57.1729
YIQ	151.5060, 5.5880, 30.9000

Conversions

Conversions Part 2

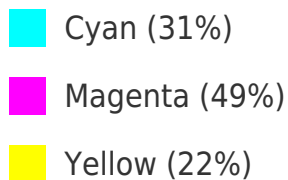
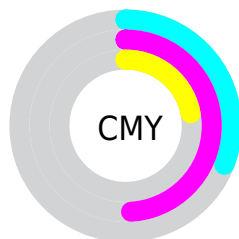
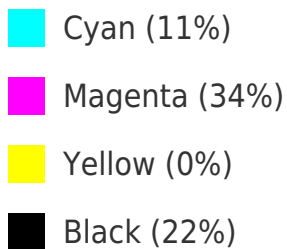
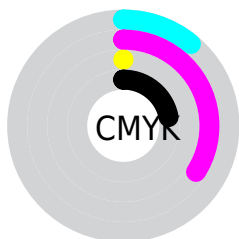
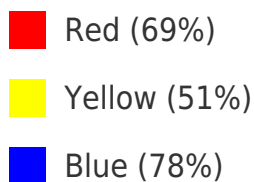
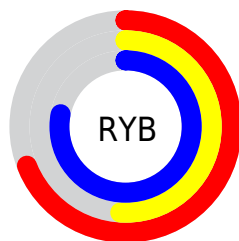
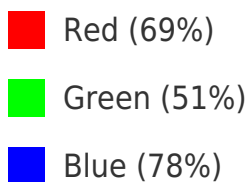
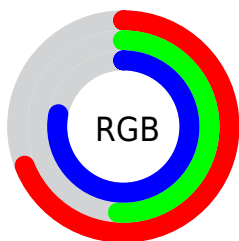
Format	Color
RYB	176, 130, 198
Decimal	11567814
CIELab	61.02, 30.06, -28.56
CIELCh	61, 41.461, 316.470
Yxy	29.2726, 0.2945, 0.2389
Android (android.graphics.Color)	4289757894 (0xFFB082C6)
YUV	151.5060, 22.9215, 21.4812
Hunter-Lab	54.1042, 24.3701, -24.7799

Details

The Yxy color $29.2726, 0.2945, 0.2389$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $48.6699, 0.3249, 0.4255$, and the grayscale version is $31.0749, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.6568, 0.2984, 0.2556$, and $11.8885, 0.2862, 0.2136$ is the 20% darker color. If you saturate the color by 10%, you get $23.7760, 0.2873, 0.2116$, and if you desaturate by 10%, it is $35.8202, 0.3008, 0.2664$.

Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2726, 0.2945, 0.2389 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 29.2726, 0.2945, 0.2389 by changing the saturation by 10% instead.

 29.2726, 0.2945,
0.2389


 29.2726, 0.2945,
0.2389


298.4990, 0.3052,
0.2841


 19.2871, 0.2913,
0.2277


 58.5099, 0.2988,
0.2553

 11.8779, 0.2869,
0.2135


 78.5306, 0.3003,
0.2614

 6.6606, 0.2805,
0.1949


 102.6650, 0.3015,
0.2666

 3.2508, 0.2705,
0.1696

131.2978, 0.3025,
0.2711

 1.2640, 0.2537,
0.1340

164.8131, 0.3033,
0.2750

 0.1131, 0.2339,
0.0314

203.5955, 0.3041,

 0.0000, 0.0000,


0.2784

0.0000


248.0294, 0.3047,
0.2814


 29.2726, 0.2945,
0.2389

 29.2726, 0.2945,
0.2389


 23.7760, 0.2873,
0.2116


 35.8202, 0.3008,
0.2664

 19.2679, 0.2794,
0.1854


 43.4693, 0.3063,
0.2931

 15.6847, 0.2710,
0.1616


 52.2714, 0.3109,
0.3185


 12.9538, 0.2622,
0.1414


 62.2737, 0.3148,
0.3422

 10.9913, 0.2535,
0.1255


 73.5209, 0.3180,
0.3640

 9.6956, 0.2450,
0.1146

 86.0550, 0.3205,
0.3839

 9.1496, 0.2404,
0.1098

 90.9374, 0.3241,
0.3892

 91.9592, 0.3282,
0.3885

 93.0197, 0.3324,
0.3877

Harmonies

Analogous

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



29.2726, 0.2374, 0.2250



29.2726, 0.2945, 0.2389



29.2726, 0.3637, 0.2713

Triad

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



29.2726, 0.2945, 0.2389



29.2726, 0.4310, 0.4160



29.2726, 0.2124, 0.3276

Complementary

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



29.2726, 0.2945, 0.2389



48.6699, 0.3249, 0.4255

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.



29.2726, 0.2566, 0.3981



29.2726, 0.2945, 0.2389



29.2726, 0.3830, 0.4489

Square

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



29.2726, 0.2945, 0.2389



29.2726, 0.4473, 0.3674



29.2726, 0.3190, 0.4461



29.2726, 0.1944, 0.2678

Rectangle

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



29.2726, 0.2945, 0.2389



29.2726, 0.4057, 0.3005



29.2726, 0.3190, 0.4461



29.2726, 0.2244, 0.3513

Sweetspot

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



29.2738, 0.2945, 0.2389



83.2670, 0.3084, 0.3039



31.4934, 0.2559, 0.2622



17.3564, 0.3077, 0.3003



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.



29.2738, 0.2945, 0.2389



44.5854, 0.2894, 0.2190



31.5417, 0.3281, 0.2574



10.6383, 0.3087, 0.3059



5.9981, 0.2415, 0.1104



0.3218, 0.2585, 0.1198

Inverse Universe

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



30.2337, 0.3666, 0.3001



46.6864, 0.3833, 0.2939



47.0652, 0.3005, 0.4132



10.6925, 0.3240, 0.3216



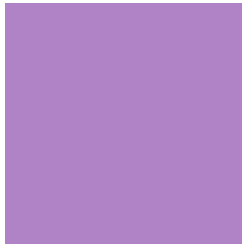
8.0620, 0.5656, 0.2890



0.3951, 0.5057, 0.2559

Previews

White Background



This preview shows how the Yxy color 29.2726, 0.2945, 0.2389 looks on a white background.

Color Contrast Check

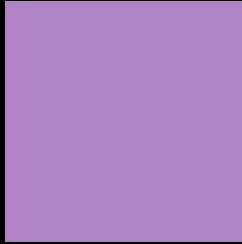
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 29.2726, 0.2945, 0.2389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

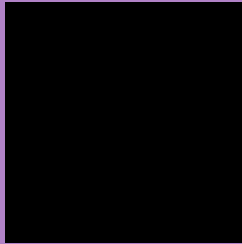
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2726, 0.2945, 0.2389

Background



This preview shows how black text looks on a background with the Yxy color 29.2726, 0.2945, 0.2389.



This preview shows how white text looks on a background with the Yxy color 29.2726, 0.2945, 0.2389.

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

29.2726, 0.2945, 0.2389

Protanopia

29.4160, 0.2441, 0.2354

Deuteranopia

29.4252, 0.2614, 0.2553



Tritanopia

29.3932, 0.3341, 0.3143

Trichromacy



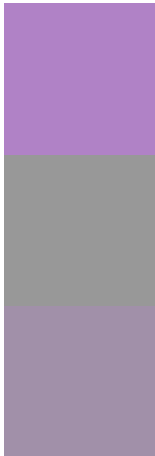
Original Color
29.2726, 0.2945, 0.2389

Protanomaly
29.2321, 0.2601, 0.2362

Deuteranomaly
29.3210, 0.2730, 0.2493

Tritanomaly
29.1690, 0.3202, 0.2848

Monochromacy



Original Color
29.2726, 0.2945, 0.2389

Achromatopsia
31.3989, 0.3127, 0.3290

Achromatomaly
30.3882, 0.3062, 0.2923

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2726, 0.2945, 0.2389 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(176, 130, 198) looks like.

```
.text, #text, p{  
    color:rgb(176, 130, 198)  
}
```

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(176, 130, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 130, 198) }
```

Border

The CSS property to change the border of an element to Yxy 29.2726, 0.2945, 0.2389 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(176, 130, 198) }
```

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

```
.border{ border-color:rgb(176, 130, 198) }
```

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

Here you see how a box with a 4 pixel rgb(176, 130, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 130, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 130, 198);  
box-shadow:4px 4px 4px 4px rgb(176, 130,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2726, 0.2945, 0.2389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 130, 198) }
```

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

```
.background{ background-color: rgb(176,  
130, 198) }
```

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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