

Converting Colors

$Y_{xy}(29.8457, 0.3151, 0.2779)$

Have a look what the booklet for
Yxy(29.8457, 0.3151, 0.2779)
contains.

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Color

Yxy(29.7927, 0.3151, 0.2784)

Conversions

Conversions Part 1	
Format	Color
Hex	AD89AD
RGB	173, 137, 173
RGB Percent	68%, 54%, 68%
CMY	0.3216, 0.4627, 0.3216
CMYK	0.00, 0.21, 0.00, 0.32
HSL	300°, 18%, 61%
HSV	300°, 21%, 68%
XYZ	33.7201, 29.7927, 43.5012
YIQ	151.8680, 9.9000, 18.8280

Conversions

Conversions Part 2

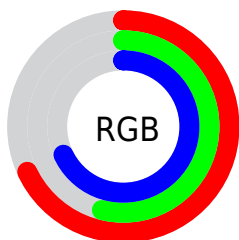
Format	Color
RYB	173, 137, 173
Decimal	11372973
CIELab	61.47, 20.02, -13.73
CIELCh	61, 24.269, 325.561
Yxy	29.7927, 0.3151, 0.2784
Android (android.graphics.Color)	4289563053 (0xFFAD89AD)
YUV	151.8680, 10.4181, 18.5328
Hunter-Lab	54.5827, 14.7541, -9.0449

Details

The Yxy color $29.7927, 0.3151, 0.2784$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $37.0113, 0.3101, 0.3854$, and the grayscale version is $31.2910, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.5211, 0.3154, 0.2890$, and $12.1899, 0.3143, 0.2623$ is the 20% darker color. If you saturate the color by 10%, you get $25.2631, 0.3163, 0.2540$, and if you desaturate by 10%, it is $35.1135, 0.3139, 0.3030$.

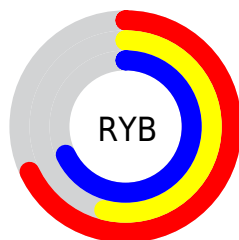
Distribution



Red (68%)

Green (54%)

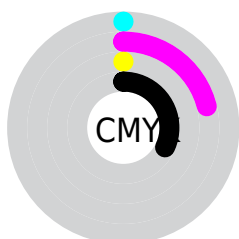
Blue (68%)



Red (68%)

Yellow (54%)

Blue (68%)

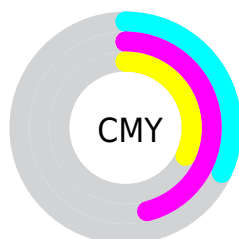


Cyan (0%)

Magenta (21%)

Yellow (0%)

Black (32%)



Cyan (32%)

Magenta (46%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7927, 0.3151, 0.2784 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 29.7927, 0.3151, 0.2784 by changing the saturation by 10% instead.


 29.7927, 0.3151,
0.2784


 29.7927, 0.3151,
0.2784


 300.9370, 0.3142,
0.3046

 19.6813, 0.3152,
0.2716


 59.3342, 0.3149,
0.2881


 12.1636, 0.3152,
0.2627


 79.5331, 0.3148,
0.2917

 6.8552, 0.3151,
0.2506


 103.8632, 0.3147,
0.2947

 3.3717, 0.3145,
0.2331

 132.7090, 0.3146,
0.2973

 1.3287, 0.3128,
0.2060

 166.4549, 0.3145,
0.2995

 0.1633, 0.3293,
0.0835

 205.4853, 0.3144,

 0.0000, 0.0000,


0.3014


0.0000


250.1845, 0.3143,
0.3031


 29.7927, 0.3151,
0.2784


 29.7927, 0.3151,
0.2784


 25.2631, 0.3163,
0.2540


 35.1135, 0.3139,
0.3030


 21.4833, 0.3174,
0.2306


 41.2565, 0.3128,
0.3271

 18.4141, 0.3184,
0.2092


 48.2560, 0.3117,
0.3502

 16.0109, 0.3193,
0.1905


 56.1432, 0.3107,
0.3720


 14.2246, 0.3200,
0.1755


 64.9475, 0.3097,
0.3921

 12.9988, 0.3205,
0.1645


 74.6970, 0.3089,
0.4107

 12.2671, 0.3208,
0.1577

 83.4216, 0.3082,
0.4247

 11.8990, 0.3210,
0.1542

 83.4218, 0.3082,
0.4247

 83.4220, 0.3082,
0.4247

Harmonies

Analogous

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



29.7927, 0.2774, 0.2660



29.7927, 0.3151, 0.2784



29.7927, 0.3544, 0.3023

Triad

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



29.7927, 0.3151, 0.2784



29.7927, 0.3769, 0.3899



29.7927, 0.2469, 0.3184

Complementary

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



29.7927, 0.3151, 0.2784



37.0113, 0.3101, 0.3854

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.



29.7927, 0.2707, 0.3569



29.7927, 0.3151, 0.2784



29.7927, 0.3455, 0.4000

Square

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



29.7927, 0.3151, 0.2784



29.7927, 0.3912, 0.3648



29.7927, 0.3065, 0.3882



29.7927, 0.2399, 0.2863

Rectangle

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



29.7927, 0.3151, 0.2784



29.7927, 0.3754, 0.3224



29.7927, 0.3065, 0.3882



29.7927, 0.2531, 0.3311

Sweetspot

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



29.7940, 0.3151, 0.2784



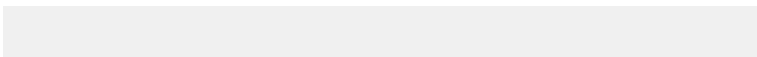
67.8714, 0.3134, 0.3144



26.2296, 0.2786, 0.2726



14.6026, 0.3135, 0.3129



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



29.7940, 0.3151, 0.2784



49.4302, 0.3156, 0.2670



29.1440, 0.3337, 0.3030



8.1481, 0.3138, 0.3067



8.7421, 0.3210, 0.1542



0.2432, 0.3210, 0.1542

Inverse Universe

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



29.7940, 0.3151, 0.2784



49.4302, 0.3156, 0.2670



37.5713, 0.2959, 0.3566



8.1481, 0.3138, 0.3067



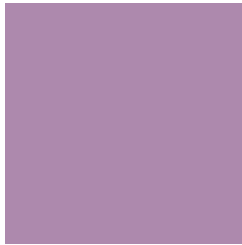
8.7421, 0.3210, 0.1542



0.2432, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 29.7927, 0.3151, 0.2784 looks on a white background.

Color Contrast Check

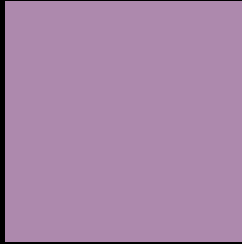
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7927, 0.3151, 0.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

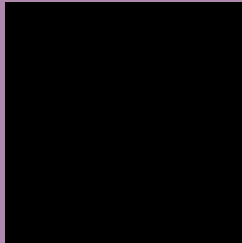
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.7927, 0.3151, 0.2784

Background



This preview shows how black text looks on a background with the Yxy color 29.7927, 0.3151, 0.2784.



This preview shows how white text looks on a background with the Yxy color 29.7927, 0.3151, 0.2784.

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

29.7927, 0.3151, 0.2784

Protanopia

29.8254, 0.2775, 0.2791

Deuteranopia

29.8665, 0.2954, 0.2900



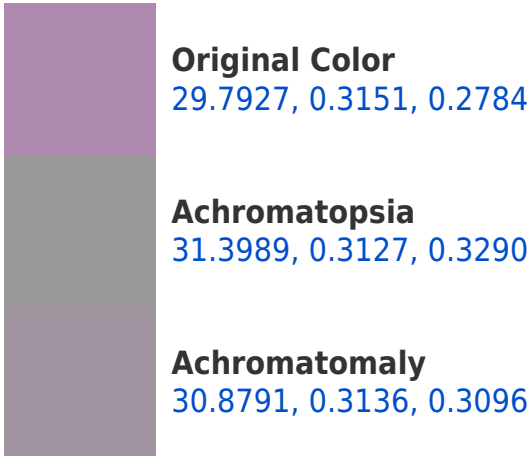
Tritanopia

29.8628, 0.3329, 0.3129

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7927, 0.3151, 0.2784 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(173, 137, 173)` looks like.

```
.text, #text, p{  
    color:rgb(173, 137, 173)  
}
```

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(173, 137, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 137, 173) }
```

Border

The CSS property to change the border of an element to Yxy 29.7927, 0.3151, 0.2784 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(173, 137, 173) }
```

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

```
.border{ border-color:rgb(173, 137, 173) }
```

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

Here you see how a box with a 4 pixel rgb(173, 137, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 137, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 137, 173);  
box-shadow:4px 4px 4px 4px rgb(173, 137,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7927, 0.3151, 0.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 137, 173) }
```

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

```
.background{ background-color: rgb(173,  
137, 173) }
```

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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