

Converting Colors

$Y_{xy}(32.1791, 0.2996, 0.2632)$

Have a look what the booklet for
Yxy(32.1791, 0.2996, 0.2632)
contains.

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Color

Yxy(32.1063, 0.2990, 0.2627)

Conversions

Conversions Part 1

Format	Color
Hex	AE8EBF
RGB	174, 142, 191
RGB Percent	68%, 56%, 75%
CMY	0.3174, 0.4432, 0.2509
CMYK	0.09, 0.26, 0.00, 0.25
HSL	279°, 28%, 65%
HSV	279°, 26%, 75%
XYZ	36.5428, 32.1063, 53.5675
YIQ	157.1540, 3.3430, 22.0230

Conversions

Conversions Part 2

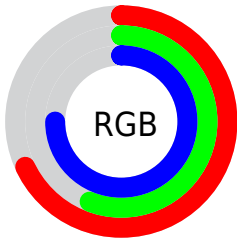
Format	Color
RYB	174, 142, 191
Decimal	11439807
CIELab	63.43, 21.20, -20.94
CIELCh	63, 29.795, 315.357
Yxy	32.1063, 0.2990, 0.2627
Android (android.graphics.Color)	4289629887 (0xFFAE8EBF)
YUV	157.1540, 16.6861, 14.7739
Hunter-Lab	56.6624, 15.9591, -16.3879

Details

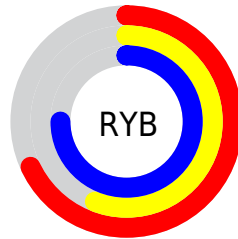
The Yxy color **32.1063, 0.2990, 0.2627** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.5833, 0.3232, 0.3983**, and the grayscale version is **33.7150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0183, 0.3024, 0.2756**, and **13.3533, 0.2941, 0.2433** is the 20% darker color. If you saturate the color by 10%, you get **26.1630, 0.2920, 0.2351**, and if you desaturate by 10%, it is **39.0635, 0.3050, 0.2896**.

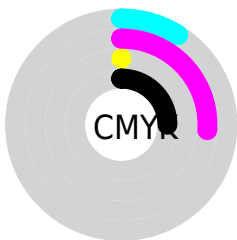
Distribution



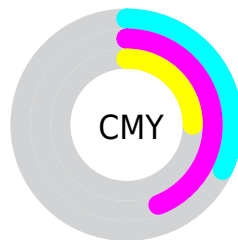
- Red (68%)
- Green (56%)
- Blue (75%)



- Red (68%)
- Yellow (56%)
- Blue (75%)



- Cyan (9%)
- Magenta (26%)
- Yellow (0%)
- Black (25%)





- Cyan (32%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.1063, 0.2990, 0.2627 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 32.1063, 0.2990, 0.2627 by changing the saturation by 10% instead.


 32.1063, 0.2990,
0.2627


 32.1063, 0.2990,
0.2627


311.6032, 0.3068,
0.2962


 21.4427, 0.2967,
0.2543


 62.9777, 0.3021,
0.2749

 13.4480, 0.2937,
0.2434


 83.9543, 0.3031,
0.2795

 7.7378, 0.2892,
0.2289

 109.1373, 0.3040,
0.2834

 3.9276, 0.2824,
0.2088

138.9112, 0.3048,
0.2867

 1.6331, 0.2708,
0.1792

173.6604, 0.3054,
0.2896

 0.3798, 0.2545,
0.1099

213.7691, 0.3059,

 0.0000, 0.0000,

0.2921

0.0000

259.6220, 0.3064,
0.2943

■ 32.1063, 0.2990,
0.2627

■ 32.1063, 0.2990,
0.2627

■ 26.1630, 0.2920,
0.2351

■ 39.0635, 0.3050,
0.2896

■ 21.1795, 0.2842,
0.2076

■ 47.0771, 0.3102,
0.3152

■ 17.1023, 0.2756,
0.1813

■ 56.1923, 0.3145,
0.3391

■ 13.8714, 0.2665,
0.1575

■ 66.4502, 0.3180,
0.3611

■ 11.4191, 0.2572,
0.1373

■ 77.8898, 0.3209,
0.3812

■ 9.6668, 0.2479,
0.1216

■ 89.5311, 0.3235,
0.3978

■ 8.5172, 0.2390,
0.1108

■ 90.5433, 0.3277,
0.3969

■ 8.1193, 0.2353,
0.1070

■ 91.5961, 0.3320,
0.3959

■ 92.6902, 0.3364,
0.3950

Harmonies

Analogous

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



32.1063, 0.2579, 0.2534



32.1063, 0.2990, 0.2627



32.1063, 0.3471, 0.2865

Triad

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



32.1063, 0.2990, 0.2627



32.1063, 0.3978, 0.3921



32.1063, 0.2421, 0.3313

Complementary

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



32.1063, 0.2990, 0.2627



46.5833, 0.3232, 0.3983

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.



32.1063, 0.2756, 0.3775



32.1063, 0.2990, 0.2627



32.1063, 0.3657, 0.4126

Square

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



32.1063, 0.2990, 0.2627



32.1063, 0.4066, 0.3580



32.1063, 0.3207, 0.4087



32.1063, 0.2271, 0.2887

Rectangle

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



32.1063, 0.2990, 0.2627



32.1063, 0.3760, 0.3083



32.1063, 0.3207, 0.4087



32.1063, 0.2514, 0.3471

Sweetspot

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



32.1077, 0.2990, 0.2627



80.5974, 0.3090, 0.3091



34.3562, 0.2714, 0.2827



17.2066, 0.3082, 0.3052



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



32.1077, 0.2990, 0.2627



51.0853, 0.2951, 0.2467



33.8645, 0.3227, 0.2748



9.5267, 0.3084, 0.3060



5.3812, 0.2364, 0.1076



0.2458, 0.2571, 0.1190

Inverse Universe

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



32.9191, 0.3481, 0.3063



52.8794, 0.3589, 0.3008



45.1964, 0.3041, 0.3900



9.5894, 0.3235, 0.3211



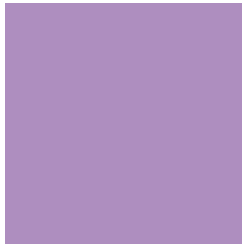
7.5519, 0.5564, 0.2839



0.3083, 0.4886, 0.2465

Previews

White Background



This preview shows how the Yxy color 32.1063, 0.2990, 0.2627 looks on a white background.

Color Contrast Check

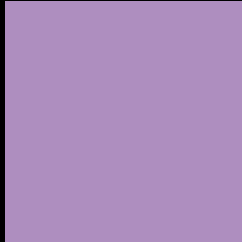
Large Text (above 18pt) WCAG AA × Fail

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 32.1063, 0.2990, 0.2627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

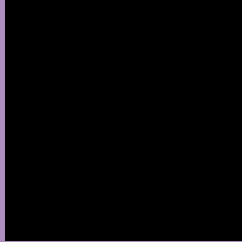
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1063, 0.2990, 0.2627

Background



This preview shows how black text looks on a background with the Yxy color 32.1063, 0.2990, 0.2627.



This preview shows how white text looks on a background with the Yxy color 32.1063, 0.2990, 0.2627.

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

32.1063, 0.2990, 0.2627

Protanopia

32.2845, 0.2653, 0.2629

Deuteranopia

32.3866, 0.2796, 0.2743



Tritanopia

32.1180, 0.3238, 0.3131

Trichromacy



Original Color

32.1063, 0.2990, 0.2627

Protanomaly

31.9900, 0.2773, 0.2627

Deuteranomaly

32.2684, 0.2858, 0.2698

Tritanomaly

32.1560, 0.3144, 0.2937

Monochromacy



Original Color

32.1063, 0.2990, 0.2627

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.1076, 0.3080, 0.3044

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1063, 0.2990, 0.2627 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(174, 142, 191)` looks like.

```
.text, #text, p{  
    color:rgb(174, 142, 191)  
}
```

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(174, 142, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 142, 191) }
```

Border

The CSS property to change the border of an element to Yxy 32.1063, 0.2990, 0.2627 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(174, 142, 191) }
```

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

```
.border{ border-color:rgb(174, 142, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 142, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 142, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 142, 191);  
box-shadow:4px 4px 4px 4px rgb(174, 142,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1063, 0.2990, 0.2627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 142, 191) }
```

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

```
.background{ background-color: rgb(174,  
142, 191) }
```

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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