

Converting Colors

$Y_{xy}(32.9287, 0.2977, 0.2636)$

Have a look what the booklet for
Yxy(32.9287, 0.2977, 0.2636)
contains.

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Color

Yxy(32.7954, 0.2972, 0.2630)

Conversions

Conversions Part 1

Format	Color
Hex	AE90C1
RGB	174, 144, 193
RGB Percent	68%, 56%, 76%
CMY	0.3176, 0.4353, 0.2430
CMYK	0.10, 0.25, 0.00, 0.24
HSL	277°, 28%, 66%
HSV	277°, 25%, 76%
XYZ	37.0600, 32.7954, 54.8419
YIQ	158.5560, 2.1510, 21.5990

Conversions

Conversions Part 2

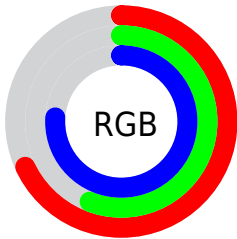
Format	Color
RYB	174, 144, 193
Decimal	11440321
CIELab	63.99, 20.47, -21.21
CIELCh	64, 29.477, 313.994
Yxy	32.7954, 0.2972, 0.2630
Android (android.graphics.Color)	4289630401 (0xFFAE90C1)
YUV	158.5560, 16.9809, 13.5444
Hunter-Lab	57.2673, 15.2971, -16.6919

Details

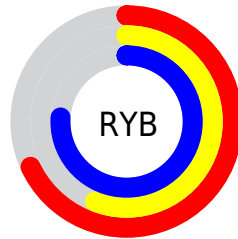
The Yxy color **32.7954, 0.2972, 0.2630** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.9491, 0.3248, 0.3972**, and the grayscale version is **34.3801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.1133, 0.3004, 0.2748**, and **13.7577, 0.2917, 0.2438** is the 20% darker color. If you saturate the color by 10%, you get **26.6060, 0.2893, 0.2349**, and if you desaturate by 10%, it is **40.0350, 0.3041, 0.2902**.

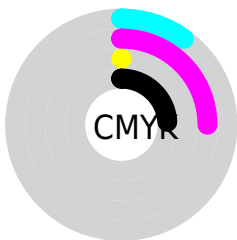
Distribution



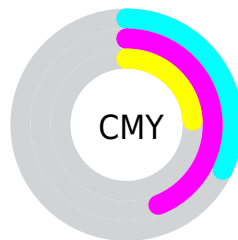
- Red (68%)
- Green (56%)
- Blue (76%)



- Red (68%)
- Yellow (56%)
- Blue (76%)



- Cyan (10%)
- Magenta (25%)
- Yellow (0%)
- Black (24%)




- Cyan (32%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7954, 0.2972, 0.2630 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 32.7954, 0.2972, 0.2630 by changing the saturation by 10% instead.


 32.7954, 0.2972,
0.2630


 32.7954, 0.2972,
0.2630


314.7268, 0.3059,
0.2963

 21.9698, 0.2947,
0.2546


 64.0560, 0.3006,
0.2751

 13.8347, 0.2914,
0.2439


 85.2597, 0.3018,
0.2797

 8.0058, 0.2866,
0.2297


110.6915, 0.3028,
0.2835

 4.0986, 0.2793,
0.2099

140.7359, 0.3036,
0.2868

 1.7289, 0.2671,
0.1808

175.7773, 0.3043,
0.2897

 0.4423, 0.2484,
0.1191

216.1999, 0.3049,

 0.0000, 0.0000,

0.2921

0.0000

262.3883, 0.3054,
0.2943

■ 32.7954, 0.2972,
0.2630

■ 32.7954, 0.2972,
0.2630

■ 26.6060, 0.2893,
0.2349

■ 40.0350, 0.3041,
0.2902

■ 21.4111, 0.2805,
0.2069

■ 48.3687, 0.3099,
0.3159

■ 17.1559, 0.2708,
0.1798

■ 57.8428, 0.3149,
0.3397

■ 13.7786, 0.2605,
0.1551

■ 68.4997, 0.3190,
0.3616

■ 11.2097, 0.2501,
0.1340

■ 80.3796, 0.3224,
0.3815

9.3688, 0.2398,
0.1175

90.4160, 0.3257,
0.3949

8.1572, 0.2300,
0.1060

91.6017, 0.3305,
0.3939

7.7188, 0.2257,
0.1017

92.8401, 0.3355,
0.3929

94.1319, 0.3404,
0.3918

Harmonies

Analogous

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



32.7954, 0.2574, 0.2546



32.7954, 0.2972, 0.2630



32.7954, 0.3444, 0.2859

Triad

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



32.7954, 0.2972, 0.2630



32.7954, 0.3973, 0.3898



32.7954, 0.2444, 0.3334

Complementary

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



32.7954, 0.2972, 0.2630



47.9491, 0.3248, 0.3972

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.



32.7954, 0.2781, 0.3785



32.7954, 0.2972, 0.2630



32.7954, 0.3666, 0.4107

Square

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



32.7954, 0.2972, 0.2630



32.7954, 0.4047, 0.3560



32.7954, 0.3227, 0.4080



32.7954, 0.2287, 0.2911

Rectangle

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



32.7954, 0.2972, 0.2630



32.7954, 0.3732, 0.3071



32.7954, 0.3227, 0.4080



32.7954, 0.2539, 0.3490

Sweetspot

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



32.7968, 0.2972, 0.2630



82.3426, 0.3084, 0.3090



36.1894, 0.2721, 0.2868



17.1692, 0.3076, 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.



32.7968, 0.2972, 0.2630



52.8771, 0.2933, 0.2488



34.9206, 0.3203, 0.2724



10.0464, 0.3077, 0.3059



5.1798, 0.2269, 0.1023



0.2626, 0.2479, 0.1139

Inverse Universe

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



33.9286, 0.3455, 0.3038



55.2969, 0.3542, 0.2985



46.2453, 0.3059, 0.3931



10.1411, 0.3230, 0.3201



7.8913, 0.5403, 0.2750



0.3545, 0.4803, 0.2420

Previews

White Background



This preview shows how the Yxy color 32.7954, 0.2972, 0.2630 looks on a white background.

Color Contrast Check

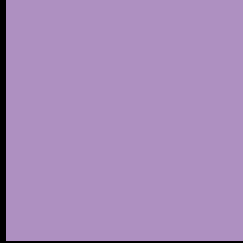
Large Text (above 18pt) WCAG AA × Fail

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 32.7954, 0.2972, 0.2630 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 32.7954, 0.2972, 0.2630

Background



This preview shows how black text looks on a background with the Yxy color 32.7954, 0.2972, 0.2630.



This preview shows how white text looks on a background with the Yxy color 32.7954, 0.2972, 0.2630.

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

32.7954, 0.2972, 0.2630

Protanopia

32.7922, 0.2648, 0.2620

Deuteranopia

32.8935, 0.2790, 0.2733



Tritanopia

32.8563, 0.3206, 0.3118

Trichromacy



Original Color

32.7954, 0.2972, 0.2630

Protanomaly

32.7139, 0.2759, 0.2631

Deuteranomaly

32.7742, 0.2852, 0.2689

Tritanomaly

32.8549, 0.3124, 0.2938

Monochromacy



Original Color

32.7954, 0.2972, 0.2630

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.9440, 0.3070, 0.3046

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7954, 0.2972, 0.2630 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, 144, 193)` looks like.

```
.text, #text, p{  
    color:rgb(174, 144, 193)  
}
```

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, 144, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 144, 193) }
```

Border

The CSS property to change the border of an element to Yxy 32.7954, 0.2972, 0.2630 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, 144, 193) }
```

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

```
.border{ border-color:rgb(174, 144, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 144, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 144, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 144, 193);  
box-shadow:4px 4px 4px 4px rgb(174, 144,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7954, 0.2972, 0.2630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 144, 193) }
```

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

```
.background{ background-color: rgb(174,  
144, 193) }
```

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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