

Converting Colors

$Y_{xy}(32.7995, 0.2850, 0.2726)$

Have a look what the booklet for
Yxy(32.7995, 0.2850, 0.2726)
contains.

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Color

Yxy(32.7995, 0.2850, 0.2726)

Conversions

Conversions Part 1

Format	Color
Hex	9E96BE
RGB	158, 150, 190
RGB Percent	62%, 59%, 75%
CMY	0.3806, 0.4117, 0.2550
CMYK	0.17, 0.21, 0.00, 0.25
HSL	252°, 24%, 67%
HSV	252°, 21%, 75%
XYZ	34.2915, 32.7995, 53.2300
YIQ	156.9520, -8.0720, 14.1360

Conversions

Conversions Part 2

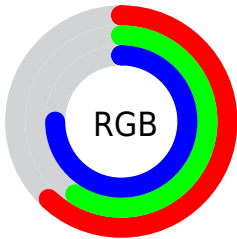
Format	Color
RYB	158, 150, 190
Decimal	10393278
CIELab	64.00, 11.13, -19.63
CIELCh	64, 22.561, 299.553
Yxy	32.7995, 0.2850, 0.2726
Android (android.graphics.Color)	4288583358 (0xFF9E96BE)
YUV	156.9520, 16.2927, 0.9191
Hunter-Lab	57.2708, 6.6546, -15.0171

Details

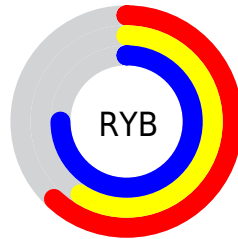
The Yxy color **32.7995, 0.2850, 0.2726** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.9764, 0.3371, 0.3819**, and the grayscale version is **33.6199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.9857, 0.2909, 0.2835**, and **13.7940, 0.2750, 0.2542** is the 20% darker color. If you saturate the color by 10%, you get **25.7704, 0.2691, 0.2417**, and if you desaturate by 10%, it is **41.0058, 0.2992, 0.3010**.

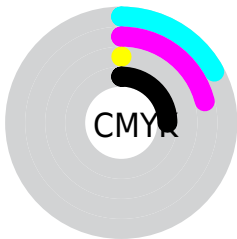
Distribution



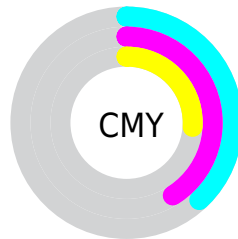
- Red (62%)
- Green (59%)
- Blue (75%)



- Red (62%)
- Yellow (59%)
- Blue (75%)



- Cyan (17%)
- Magenta (21%)
- Yellow (0%)
- Black (25%)





- Cyan (38%)
- Magenta (41%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7995, 0.2850, 0.2726 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 32.7995, 0.2850, 0.2726 by changing the saturation by 10% instead.


 32.7995, 0.2850,
0.2726


 32.7995, 0.2850,
0.2726


314.7453, 0.2998,
0.3015

 21.9729, 0.2810,
0.2652


 64.0624, 0.2906,
0.2832

 13.8370, 0.2757,
0.2556


 85.2674, 0.2926,
0.2872

 8.0074, 0.2683,
0.2427


110.7008, 0.2943,
0.2905

 4.0997, 0.2574,
0.2245

140.7468, 0.2958,
0.2934

 1.7295, 0.2399,
0.1970

175.7898, 0.2970,
0.2958

 0.4426, 0.2104,
0.1345

216.2143, 0.2981,

 0.0000, 0.0000,

0.2979

0.0000

262.4047, 0.2990,
0.2998

■ 32.7995, 0.2850,
0.2726

■ 32.7995, 0.2850,
0.2726

■ 25.7704, 0.2691,
0.2417

■ 41.0058, 0.2992,
0.3010

■ 19.8602, 0.2516,
0.2089

■ 50.4360, 0.3115,
0.3265

■ 15.0116, 0.2330,
0.1756

■ 61.1391, 0.3222,
0.3492

■ 11.1607, 0.2143,
0.1434

■ 73.1604, 0.3313,
0.3691

■ 8.2364, 0.1964,
0.1145

■ 86.5427, 0.3391,
0.3866

■ 6.1582, 0.1805,
0.0911

■ 95.4396, 0.3476,
0.3938

■ 4.8311, 0.1679,
0.0746

■ 96.4971, 0.3514,
0.3929

■ 4.1227, 0.1596,
0.0653

Harmonies

Analogous

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



32.7995, 0.2590, 0.2729



32.7995, 0.2850, 0.2726



32.7995, 0.3199, 0.2855

Triad

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



32.7995, 0.2850, 0.2726



32.7995, 0.3828, 0.3652



32.7995, 0.2712, 0.3496

Complementary

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



32.7995, 0.2850, 0.2726



48.9764, 0.3371, 0.3819

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.



32.7995, 0.3027, 0.3790



32.7995, 0.2850, 0.2726



32.7995, 0.3677, 0.3862

Square

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



32.7995, 0.2850, 0.2726



32.7995, 0.3781, 0.3369



32.7995, 0.3380, 0.3924



32.7995, 0.2514, 0.3153

Rectangle

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



32.7995, 0.2850, 0.2726



32.7995, 0.3437, 0.2999



32.7995, 0.3380, 0.3924



32.7995, 0.2807, 0.3606

Sweetspot

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



32.8009, 0.2850, 0.2726



82.4762, 0.3055, 0.3140



43.9299, 0.2811, 0.3188



17.8643, 0.3047, 0.3123



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.



32.8009, 0.2850, 0.2726



53.6243, 0.2782, 0.2594



34.9234, 0.3030, 0.2755



9.3140, 0.3014, 0.3055



2.7686, 0.1605, 0.0658



0.1360, 0.1836, 0.0785

Inverse Universe

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



36.1456, 0.3225, 0.2872



60.7541, 0.3249, 0.2782



46.7761, 0.3204, 0.3848



9.6630, 0.3167, 0.3108



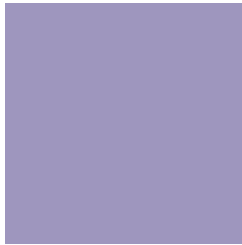
8.8054, 0.3776, 0.1854



0.3533, 0.3617, 0.1766

Previews

White Background



This preview shows how the Yxy color 32.7995, 0.2850, 0.2726 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 32.7995, 0.2850, 0.2726 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 32.7995, 0.2850, 0.2726

Background



This preview shows how black text looks on a background with the Yxy color 32.7995, 0.2850, 0.2726.



This preview shows how white text looks on a background with the Yxy color 32.7995, 0.2850, 0.2726.

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

32.7995, 0.2850, 0.2726

Protanopia

33.0280, 0.2733, 0.2742

Deuteranopia

32.9465, 0.2807, 0.2748



Tritanopia

32.7344, 0.3019, 0.3111

Trichromacy



Original Color

32.7995, 0.2850, 0.2726

Protanomaly

33.0281, 0.2774, 0.2745

Deuteranomaly

32.8195, 0.2824, 0.2736

Tritanomaly

32.8462, 0.2950, 0.2968

Monochromacy



Original Color

32.7995, 0.2850, 0.2726

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.1439, 0.3021, 0.3069

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7995, 0.2850, 0.2726 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(158, 150, 190)` looks like.

```
.text, #text, p{  
    color:rgb(158, 150, 190)  
}
```

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(158, 150, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 150, 190) }
```

Border

The CSS property to change the border of an element to Yxy 32.7995, 0.2850, 0.2726 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(158, 150, 190) }
```

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

```
.border{ border-color:rgb(158, 150, 190) }
```

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

Here you see how a box with a 4 pixel rgb(158, 150, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 150, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 150, 190);  
box-shadow:4px 4px 4px 4px rgb(158, 150,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7995, 0.2850, 0.2726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 150, 190) }
```

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

```
.background{ background-color: rgb(158,  
150, 190) }
```

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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