

Converting Colors

$Y_{xy}(32.1448, 0.3000, 0.2954)$

Have a look what the booklet for
Yxy(32.1448, 0.3000, 0.2954)
contains.

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Color

Yxy(32.0989, 0.2995, 0.2954)

Conversions

Conversions Part 1

Format	Color
Hex	9E96AD
RGB	158, 150, 173
RGB Percent	62%, 59%, 68%
CMY	0.3805, 0.4117, 0.3215
CMYK	0.09, 0.13, 0.00, 0.32
HSL	261°, 12%, 63%
HSV	261°, 13%, 68%
XYZ	32.5444, 32.0989, 44.0192
YIQ	155.0140, -2.6150, 8.8490

Conversions

Conversions Part 2

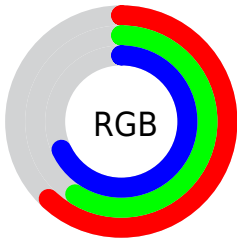
Format	Color
R_{YB}	158, 150, 173
Decimal	10393261
CIE _{Lab}	63.42, 7.45, -10.95
CIE _{LCh}	63, 13.241, 304.239
Yxy	32.0989, 0.2995, 0.2954
Android (android.graphics.Color)	4288583341 (0xFF9E96AD)
YUV	155.0140, 8.8671, 2.6187
Hunter-Lab	56.6559, 3.3866, -6.4066

Details

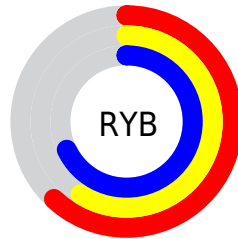
The Yxy color **32.0989, 0.2995, 0.2954** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.0987, 0.3248, 0.3620**, and the grayscale version is **32.7445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9333, 0.3028, 0.3023**, and **13.4300, 0.2952, 0.2836** is the 20% darker color. If you saturate the color by 10%, you get **25.8842, 0.2878, 0.2674**, and if you desaturate by 10%, it is **39.2373, 0.3097, 0.3211**.

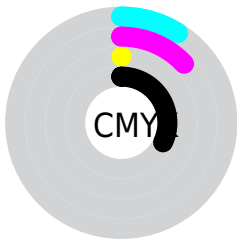
Distribution



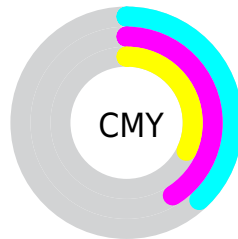
- Red (62%)
- Green (59%)
- Blue (68%)



- Red (62%)
- Yellow (59%)
- Blue (68%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)
- Black (32%)



- Cyan (38%)
- Magenta (41%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.0989, 0.2995, 0.2954 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 32.0989, 0.2995, 0.2954 by changing the saturation by 10% instead.

■ 32.0989, 0.2995,
0.2954

■ 32.0989, 0.2995,
0.2954

■ 311.5695, 0.3066,
0.3129

■ 21.4371, 0.2975,
0.2908

■ 62.9661, 0.3022,
0.3019

■ 13.4438, 0.2949,
0.2847

■ 83.9402, 0.3032,
0.3043

■ 7.7349, 0.2912,
0.2764

■ 109.1206, 0.3040,
0.3064

■ 3.9258, 0.2856,
0.2642

■ 138.8916, 0.3047,
0.3081

■ 1.6321, 0.2762,
0.2448

■ 173.6376, 0.3053,
0.3095

■ 0.3791, 0.2563,
0.1792

■ 213.7430, 0.3058,

■ 0.0000, 0.0000,

0.3108

0.0000

259.5921, 0.3062,
0.3119

■ 32.0989, 0.2995,
0.2954

■ 32.0989, 0.2995,
0.2954

■ 25.8842, 0.2878,
0.2674

■ 39.2373, 0.3097,
0.3211

■ 20.5508, 0.2745,
0.2374

■ 47.3314, 0.3184,
0.3443

■ 16.0588, 0.2599,
0.2062

■ 56.4169, 0.3259,
0.3650

■ 12.3636, 0.2441,
0.1751

■ 66.5261, 0.3322,
0.3834

■ 9.4164, 0.2279,
0.1454

■ 77.6901, 0.3375,
0.3997

7.1631, 0.2119,
0.1191

89.9384, 0.3419,
0.4141

5.5415, 0.1970,
0.0977

92.5789, 0.3493,
0.4130

4.4780, 0.1842,
0.0824

94.5920, 0.3570,
0.4108

3.9716, 0.1767,
0.0747

95.7974, 0.3614,
0.4095

Harmonies

Analogous

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



32.0989, 0.2825, 0.2947



32.0989, 0.2995, 0.2954



32.0989, 0.3206, 0.3044

Triad

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



32.0989, 0.2995, 0.2954



32.0989, 0.3534, 0.3537



32.0989, 0.2857, 0.3382

Complementary

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



32.0989, 0.2995, 0.2954



40.0987, 0.3248, 0.3620

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.



32.0989, 0.3039, 0.3556



32.0989, 0.2995, 0.2954



32.0989, 0.3432, 0.3642

Square

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



32.0989, 0.2995, 0.2954



32.0989, 0.3523, 0.3372



32.0989, 0.3250, 0.3653



32.0989, 0.2747, 0.3186

Rectangle

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



32.0989, 0.2995, 0.2954



32.0989, 0.3342, 0.3139



32.0989, 0.3250, 0.3653



32.0989, 0.2911, 0.3445

Sweetspot

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



32.1003, 0.2995, 0.2954



69.2073, 0.3089, 0.3192



36.5374, 0.2925, 0.3177



14.8258, 0.3082, 0.3174



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.



32.1003, 0.2995, 0.2954



53.9865, 0.2962, 0.2873



33.2896, 0.3104, 0.2965



7.8868, 0.3037, 0.3059



2.9464, 0.1777, 0.0753



0.1128, 0.2143, 0.0954

Inverse Universe

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



33.4217, 0.3217, 0.3078



56.8431, 0.3241, 0.3028



38.9478, 0.3145, 0.3630



8.1003, 0.3188, 0.3143



7.4173, 0.4300, 0.2143



0.2161, 0.3895, 0.1919

Previews

White Background



This preview shows how the Yxy color 32.0989, 0.2995, 0.2954 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 32.0989, 0.2995, 0.2954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

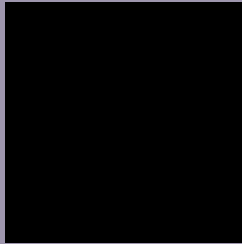
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

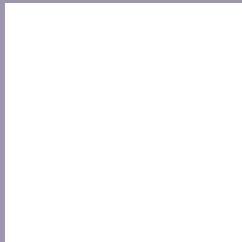
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.0989, 0.2995, 0.2954

Background



This preview shows how black text looks on a background with the Yxy color 32.0989, 0.2995, 0.2954.



This preview shows how white text looks on a background with the Yxy color 32.0989, 0.2995, 0.2954.

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

32.0989, 0.2995, 0.2954

Protanopia

32.0356, 0.2903, 0.2948

Deuteranopia

32.2008, 0.3005, 0.2955



Tritanopia

32.2047, 0.3057, 0.3111

Trichromacy



Original Color

32.0989, 0.2995, 0.2954

Protanomaly

31.9615, 0.2939, 0.2950

Deuteranomaly

32.2008, 0.3005, 0.2955

Tritanomaly

32.0913, 0.3039, 0.3053

Monochromacy



Original Color

32.0989, 0.2995, 0.2954

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.4590, 0.3074, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0989, 0.2995, 0.2954 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(158, 150, 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(158, 150, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 150, 173) }
```

Border

The CSS property to change the border of an element to Yxy 32.0989, 0.2995, 0.2954 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, 173) }
```

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

```
.border{ border-color:rgb(158, 150, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 150, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 150, 173);  
box-shadow:4px 4px 4px 4px rgb(158, 150,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0989, 0.2995, 0.2954 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, 173) }
```

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

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