

Converting Colors

$Y_{xy}(32.7736, 0.3156, 0.3117)$

Have a look what the booklet for
Yxy(32.7736, 0.3156, 0.3117)
contains.

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Color

Yxy(32.7769, 0.3155, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	A597A3
RGB	165, 151, 163
RGB Percent	65%, 59%, 64%
CMY	0.3531, 0.4078, 0.3608
CMYK	0.00, 0.08, 0.01, 0.35
HSL	308°, 7%, 62%
HSV	308°, 8%, 65%
XYZ	33.1871, 32.7769, 39.2250
YIQ	156.5540, 4.4920, 6.7000

Conversions

Conversions Part 2

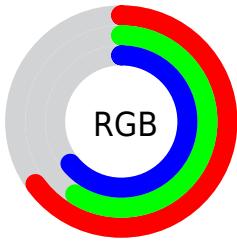
Format	Color
R_{YB}	165, 151, 163
Decimal	10852259
CIE Lab	63.98, 7.34, -4.41
CIE LCh	64, 8.567, 329.003
Yxy	32.7769, 0.3155, 0.3116
Android (android.graphics.Color)	4289042339 (0xFFA597A3)
YUV	156.5540, 3.1779, 7.4071
Hunter-Lab	57.2511, 3.2828, -0.5461

Details

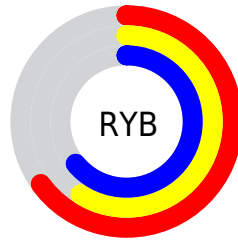
The Yxy color **32.7769, 0.3155, 0.3116** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.7748, 0.3100, 0.3470**, and the grayscale version is **33.4887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.9402, 0.3149, 0.3146**, and **13.7728, 0.3167, 0.3064** is the 20% darker color. If you saturate the color by 10%, you get **27.7518, 0.3192, 0.2904**, and if you desaturate by 10%, it is **38.5493, 0.3122, 0.3321**.

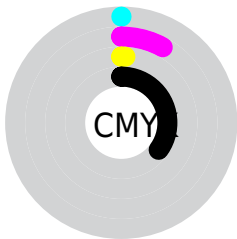
Distribution



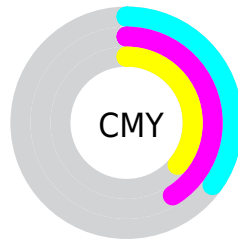
- Red (65%)
- Green (59%)
- Blue (64%)



- Red (65%)
- Yellow (59%)
- Blue (64%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (35%)




- Cyan (35%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7769, 0.3155, 0.3116 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 32.7769, 0.3155, 0.3116 by changing the saturation by 10% instead.


 32.7769, 0.3155,
0.3116

 32.7769, 0.3155,
0.3116


314.6432, 0.3141,
0.3207

 21.9556, 0.3159,
0.3092


 64.0271, 0.3150,
0.3150

 13.8243, 0.3163,
0.3060


 85.2247, 0.3148,
0.3163

 7.9985, 0.3170,
0.3016


110.6499, 0.3146,
0.3173

 4.0940, 0.3179,
0.2951

140.6871, 0.3145,
0.3182

 1.7263, 0.3193,
0.2846

175.7206, 0.3144,
0.3190

 0.4406, 0.3274,
0.2412

216.1349, 0.3143,

 0.0000, 0.0000,

0.3196

0.0000

262.3143, 0.3142,
0.3202

■ 32.7769, 0.3155,
0.3116

■ 32.7769, 0.3155,
0.3116

■ 27.7518, 0.3192,
0.2904

■ 38.5493, 0.3122,
0.3321

■ 23.4390, 0.3234,
0.2689

■ 45.0937, 0.3094,
0.3516

■ 19.8072, 0.3280,
0.2478

■ 52.4388, 0.3070,
0.3698

■ 16.8210, 0.3330,
0.2280

■ 60.6106, 0.3049,
0.3867

■ 14.4418, 0.3382,
0.2103

■ 69.6340, 0.3031,
0.4022

■ 12.6269, 0.3436,
0.1957

■ 79.5328, 0.3016,
0.4164

■ 11.3280, 0.3489,
0.1849

■ 82.7791, 0.3004,
0.4184

■ 10.4889, 0.3540,
0.1784

■ 82.8739, 0.2992,
0.4156

■ 10.0064, 0.3589,
0.1758

■ 82.9704, 0.2980,
0.4127

Harmonies

Analogous

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



32.7769, 0.3021, 0.3066



32.7769, 0.3155, 0.3116



32.7769, 0.3284, 0.3210

Triad

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



32.7769, 0.3155, 0.3116



32.7769, 0.3339, 0.3509



32.7769, 0.2889, 0.3247

Complementary

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



32.7769, 0.3155, 0.3116



35.7748, 0.3100, 0.3470

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.



32.7769, 0.2971, 0.3371



32.7769, 0.3155, 0.3116



32.7769, 0.3230, 0.3524

Square

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



32.7769, 0.3155, 0.3116



32.7769, 0.3392, 0.3435



32.7769, 0.3095, 0.3474



32.7769, 0.2870, 0.3138

Rectangle

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



32.7769, 0.3155, 0.3116



32.7769, 0.3349, 0.3286



32.7769, 0.3095, 0.3474



32.7769, 0.2910, 0.3288

Sweetspot

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



32.7783, 0.3155, 0.3116



64.1470, 0.3137, 0.3228



31.6150, 0.3018, 0.3080



13.8469, 0.3139, 0.3212



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



32.7783, 0.3155, 0.3116



57.0815, 0.3161, 0.3080



32.5388, 0.3220, 0.3215



7.1850, 0.3158, 0.3099



7.5297, 0.3592, 0.1752



0.1626, 0.3434, 0.1666

Inverse Universe

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



32.7783, 0.3155, 0.3116



57.0815, 0.3161, 0.3080



36.0083, 0.3042, 0.3366



7.1850, 0.3158, 0.3099



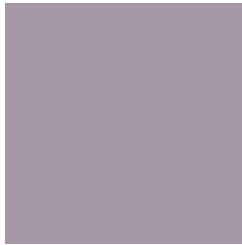
7.5297, 0.3592, 0.1752



0.1626, 0.3434, 0.1666

Previews

White Background



This preview shows how the Yxy color 32.7769, 0.3155, 0.3116 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 32.7769, 0.3155, 0.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

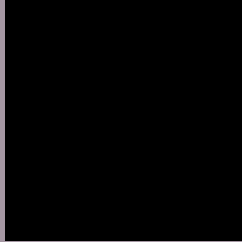
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.7769, 0.3155, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 32.7769, 0.3155, 0.3116.



This preview shows how white text looks on a background with the Yxy color 32.7769, 0.3155, 0.3116.

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

32.7769, 0.3155, 0.3116

Protanopia

32.7964, 0.3037, 0.3126

Deuteranopia

32.5640, 0.3166, 0.3102



Tritanopia

32.7769, 0.3155, 0.3116

Trichromacy



Original Color

32.7769, 0.3155, 0.3116

Protanomaly

32.8337, 0.3085, 0.3128

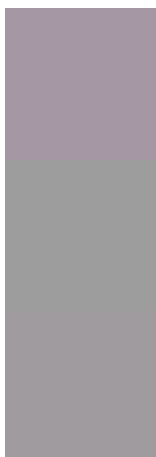
Deuteranomaly

32.5640, 0.3166, 0.3102

Tritanomaly

32.7769, 0.3155, 0.3116

Monochromacy



Original Color

32.7769, 0.3155, 0.3116

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.4195, 0.3140, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7769, 0.3155, 0.3116 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(165, 151, 163)` looks like.

```
.text, #text, p{  
    color:rgb(165, 151, 163)  
}
```

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(165, 151, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 151, 163) }
```

Border

The CSS property to change the border of an element to Yxy 32.7769, 0.3155, 0.3116 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(165, 151, 163) }
```

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

```
.border{ border-color:rgb(165, 151, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 151, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 151, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 151, 163);  
box-shadow:4px 4px 4px 4px rgb(165, 151,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7769, 0.3155, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 151, 163) }
```

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

```
.background{ background-color: rgb(165,  
151, 163) }
```

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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