

Converting Colors

$Y_{xy}(32.7591, 0.3137, 0.3227)$

Have a look what the booklet for
Yxy(32.7591, 0.3137, 0.3227)
contains.

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Color

Yxy(32.9508, 0.3140, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	9F9A9E
RGB	159, 154, 158
RGB Percent	62%, 60%, 62%
CMY	0.3765, 0.3960, 0.3805
CMYK	0.00, 0.03, 0.01, 0.38
HSL	312°, 3%, 61%
HSV	312°, 3%, 62%
XYZ	32.0228, 32.9508, 37.0097
YIQ	155.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

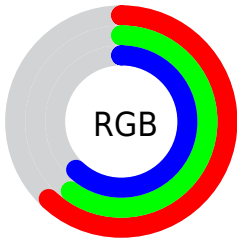
Format	Color
R_{YB}	159, 154, 158
Decimal	10459806
CIE _{Lab}	64.12, 2.57, -1.44
CIE _{LCh}	64, 2.944, 330.762
Yxy	32.9508, 0.3140, 0.3231
Android (android.graphics.Color)	4288649886 (0xFF9F9A9E)
YUV	155.9510, 1.0102, 2.6740
Hunter-Lab	57.4028, -0.8768, 1.9555

Details

The Yxy color **32.9508, 0.3140, 0.3231** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0327, 0.3115, 0.3350**, and the grayscale version is **33.2175, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2120, 0.3137, 0.3234**, and **13.9502, 0.3145, 0.3205** is the 20% darker color. If you saturate the color by 10%, you get **27.9363, 0.3185, 0.3037**, and if you desaturate by 10%, it is **38.6663, 0.3101, 0.3416**.

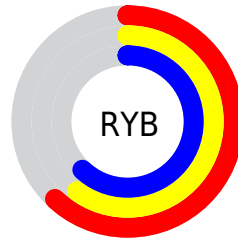
Distribution



Red (62%)

Green (60%)

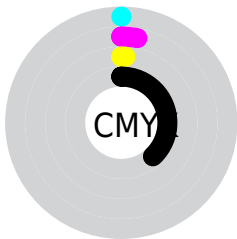
Blue (62%)



Red (62%)

Yellow (60%)

Blue (62%)

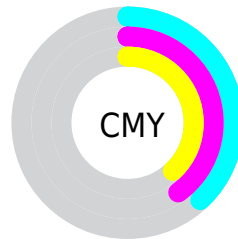


Cyan (0%)

Magenta (3%)

Yellow (1%)

Black (38%)



Cyan (38%)

Magenta (40%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.9508, 0.3140, 0.3231 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 32.9508, 0.3140, 0.3231 by changing the saturation by 10% instead.

■ 32.9508, 0.3140,
0.3231

■ 32.9508, 0.3140,
0.3231

315.4280, 0.3133,
0.3262

■ 22.0888, 0.3142,
0.3223

■ 64.2987, 0.3137,
0.3243

■ 13.9221, 0.3144,
0.3212

■ 85.5534, 0.3137,
0.3247

■ 8.0665, 0.3147,
0.3196

111.0410, 0.3136,
0.3251

■ 4.1375, 0.3152,
0.3173

141.1461, 0.3135,
0.3254

■ 1.7508, 0.3160,
0.3135

176.2529, 0.3135,
0.3256

■ 0.4562, 0.3202,
0.2944

216.7459, 0.3134,

■ 0.0000, 0.0000,

0.3258

0.0000

263.0094, 0.3134,
0.3260

■ 32.9508, 0.3140,
0.3231

■ 32.9508, 0.3140,
0.3231

■ 27.9363, 0.3185,
0.3037

■ 38.6663, 0.3101,
0.3416

■ 23.5914, 0.3237,
0.2838

■ 45.1041, 0.3068,
0.3589

■ 19.8886, 0.3296,
0.2638

■ 52.2901, 0.3040,
0.3750

■ 16.7968, 0.3362,
0.2444

■ 60.2474, 0.3016,
0.3899

■ 14.2825, 0.3433,
0.2265

■ 68.9983, 0.2996,
0.4035

■ 12.3088, 0.3510,
0.2111

■ 78.5640, 0.2980,
0.4160

■ 10.8346, 0.3588,
0.1989

■ 82.2131, 0.2964,
0.4175

■ 9.8128, 0.3667,
0.1909

■ 82.3474, 0.2948,
0.4135

■ 9.1875, 0.3744,
0.1873

■ 82.4849, 0.2931,
0.4095

Harmonies

Analogous

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



32.9508, 0.3094, 0.3213



32.9508, 0.3140, 0.3231



32.9508, 0.3183, 0.3265

Triad

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



32.9508, 0.3140, 0.3231



32.9508, 0.3198, 0.3366



32.9508, 0.3044, 0.3274

Complementary

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



32.9508, 0.3140, 0.3231



34.0327, 0.3115, 0.3350

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.



32.9508, 0.3071, 0.3316



32.9508, 0.3140, 0.3231



32.9508, 0.3160, 0.3369

Square

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



32.9508, 0.3140, 0.3231



32.9508, 0.3217, 0.3343



32.9508, 0.3114, 0.3351



32.9508, 0.3038, 0.3237

Rectangle

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



32.9508, 0.3140, 0.3231



32.9508, 0.3204, 0.3292



32.9508, 0.3114, 0.3351



32.9508, 0.3051, 0.3288

Sweetspot

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



32.9522, 0.3140, 0.3231



61.0796, 0.3131, 0.3271



32.5861, 0.3091, 0.3215



13.7836, 0.3131, 0.3272



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



32.9522, 0.3140, 0.3231



58.1219, 0.3144, 0.3213



32.8679, 0.3163, 0.3268



7.2634, 0.3146, 0.3203



7.0295, 0.3789, 0.1861



0.1311, 0.3520, 0.1713

Inverse Universe

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



32.9522, 0.3140, 0.3231



58.1219, 0.3144, 0.3213



34.1167, 0.3093, 0.3312



7.2634, 0.3146, 0.3203



7.0295, 0.3789, 0.1861



0.1311, 0.3520, 0.1713

Previews

White Background



This preview shows how the Yxy color 32.9508, 0.3140, 0.3231 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 32.9508, 0.3140, 0.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

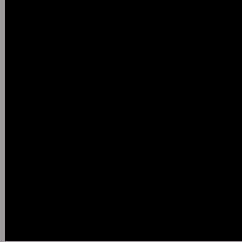
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

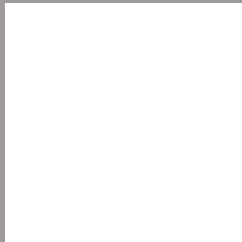
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.9508, 0.3140, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 32.9508, 0.3140, 0.3231.



This preview shows how white text looks on a background with the Yxy color 32.9508, 0.3140, 0.3231.

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

32.9508, 0.3140, 0.3231

Protanopia

33.0794, 0.3119, 0.3245

Deuteranopia

33.0714, 0.3234, 0.3175



Tritanopia

32.9727, 0.3086, 0.3114

Trichromacy



Original Color

32.9508, 0.3140, 0.3231

Protanomaly

33.1804, 0.3129, 0.3245

Deuteranomaly

32.9590, 0.3192, 0.3188

Tritanomaly

32.8647, 0.3114, 0.3157

Monochromacy



Original Color

32.9508, 0.3140, 0.3231

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.0451, 0.3129, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9508, 0.3140, 0.3231 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(159, 154, 158)` looks like.

```
.text, #text, p{  
    color:rgb(159, 154, 158)  
}
```

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(159, 154, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 154, 158) }
```

Border

The CSS property to change the border of an element to Yxy 32.9508, 0.3140, 0.3231 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(159, 154, 158) }
```

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

```
.border{ border-color:rgb(159, 154, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 154, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 154, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 154, 158);  
box-shadow:4px 4px 4px 4px rgb(159, 154,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9508, 0.3140, 0.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 154, 158) }
```

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

```
.background{ background-color: rgb(159,  
154, 158) }
```

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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