

Converting Colors

XYZ(32.4914, 33.7123, 39.2107)

Have a look what the booklet for
XYZ(32.4914, 33.7123, 39.2107)
contains.

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Color

**XYZ(32.4040, 33.5894,
39.4259)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9CA3
RGB	157, 156, 163
RGB Percent	62%, 61%, 64%
CMY	0.3843, 0.3882, 0.3608
CMYK	0.04, 0.04, 0.00, 0.36
HSL	249°, 4%, 63%
HSV	249°, 4%, 64%
XYZ	32.4040, 33.5894, 39.4259
YIQ	157.0970, -1.6510, 2.3890

Conversions

Conversions Part 2

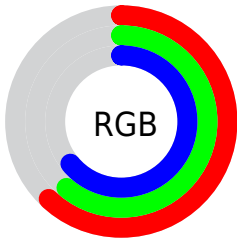
Format	Color
R_{YB}	157, 156, 163
Decimal	10329251
CIE _{Lab}	64.64, 1.73, -3.52
CIE _{LCh}	65, 3.925, 296.105
Yxy	33.5894, 0.3074, 0.3186
Android (android.graphics.Color)	4288519331 (0xFF9D9CA3)
YUV	157.0970, 2.9102, -0.0851
Hunter-Lab	57.9564, -1.6224, 0.2363

Details

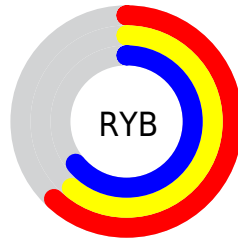
The XYZ color **32.4040, 33.5894, 39.4259** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.9995, 36.2770, 36.6644**, and the grayscale version is **32.0801, 33.7508, 36.7546**.

A 20% lighter version of the original color is **62.8529, 65.1522, 75.5926**, and **13.8647, 14.3150, 17.0713** is the 20% darker color. If you saturate the color by 10%, you get **27.2779, 27.1560, 38.4548**, and if you desaturate by 10%, it is **38.2111, 40.9207, 40.5354**.

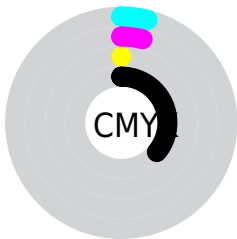
Distribution



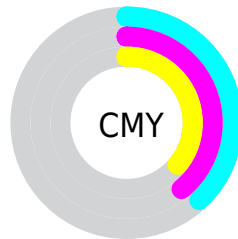
- Red (62%)
- Green (61%)
- Blue (64%)



- Red (62%)
- Yellow (61%)
- Blue (64%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (36%)



- Cyan (38%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4040, 33.5894, 39.4259 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 XYZ color 32.4040, 33.5894, 39.4259 by changing the saturation by 10% instead.

■ 32.4040, 33.5894,
39.4259

■ 32.4040, 33.5894,
39.4259

304.6682,
318.2973, 359.1777

■ 21.8273, 22.5783,
26.7808

■ 62.8048, 65.2946,
75.5160

■ 13.8460, 14.2825,
17.1777

■ 83.3597, 86.7576,
99.7981

■ 8.0946, 8.3174,
10.1980

107.9713,
112.4734, 128.7963

■ 4.2078, 4.2987,
5.4231

137.0050,
142.8263, 162.9292

■ 1.8204, 1.8420,
2.4345

170.8262,
178.2007, 202.6152

■ 0.5299, 0.5132,
0.8052

209.8002,

■ 0.0000, 0.0000,

218.9811, 248.2729

0.0000

254.2924,
265.5518, 300.3209

■ 32.4040, 33.5894,
39.4259

■ 32.4040, 33.5894,
39.4259

■ 27.2779, 27.1560,
38.4548

■ 38.2111, 40.9207,
40.5354

■ 22.8048, 21.5816,
37.6146

■ 44.7200, 49.1780,
41.7862

■ 18.9592, 16.8311,
36.9004

■ 51.9540, 58.3937,
43.1837

■ 15.7129, 12.8652,
36.3060

■ 59.9348, 68.5974,
44.7326

■ 13.0352, 9.6414,
35.8248

■ 68.6829, 79.8171,
46.4371

■ 10.8929, 7.1131,
35.4497

■ 78.2182, 92.0799,
48.3015

■ 9.2491, 5.2284,
35.1726

■ 83.5503, 95.3931,
48.6600

■ 8.0623, 3.9279,
34.9841

■ 83.6110, 95.4244,
48.6629

■ 7.2835, 3.1410,
34.8733

Harmonies

Analogous

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



31.8523, 33.5894, 39.7515



32.4040, 33.5894, 39.4259



32.8319, 33.5894, 38.3280

Triad

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



32.4040, 33.5894, 39.4259



32.5327, 33.5894, 34.0617



30.8587, 33.5894, 36.3631

Complementary

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



32.4040, 33.5894, 39.4259



33.9995, 36.2770, 36.6644

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.



31.0363, 33.5894, 34.8727



32.4040, 33.5894, 39.4259



31.9993, 33.5894, 33.5689

Square

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



32.4040, 33.5894, 39.4259



32.9069, 33.5894, 35.2270



31.4522, 33.5894, 33.8614



30.9643, 33.5894, 37.9531

Rectangle

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



32.4040, 33.5894, 39.4259



32.9872, 33.5894, 37.3221



31.4522, 33.5894, 33.8614



30.8872, 33.5894, 35.8343

Sweetspot

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



32.4050, 33.5908, 39.4266



61.3026, 64.2765, 71.2317



33.2543, 35.5774, 39.7653



13.7816, 14.4530, 16.0009



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.4050, 33.5908, 39.4266



57.2553, 59.1777, 70.4609



33.0845, 33.9411, 39.4584



7.2341, 7.4641, 8.9625



5.4413, 2.2116, 27.0699



0.1398, 0.0596, 0.5700

Inverse Universe

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



33.5155, 34.1736, 39.0138



59.6034, 60.4100, 69.5840



33.3113, 35.9222, 36.6322



7.5597, 7.6350, 8.8406



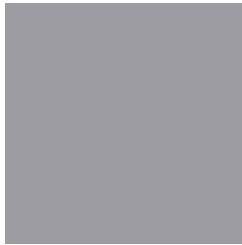
15.4168, 7.5228, 19.9171



0.3351, 0.1625, 0.4771

Previews

White Background



This preview shows how the XYZ color 32.4040, 33.5894, 39.4259 looks on a white background.

Color Contrast Check

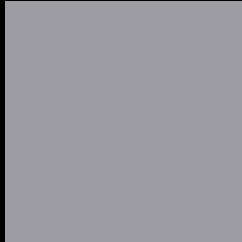
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 32.4040, 33.5894, 39.4259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

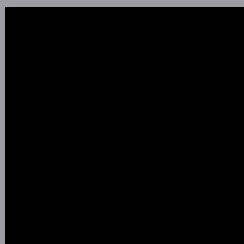
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4040, 33.5894, 39.4259

Background



This preview shows how black text looks on a background with the XYZ color 32.4040, 33.5894, 39.4259.



This preview shows how white text looks on a background with the XYZ color 32.4040, 33.5894,

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

32.4040, 33.5894, 39.4259

Protanopia

32.5999, 33.6904, 39.4350

Deuteranopia

34.2913, 33.5718, 39.7946



Tritanopia

32.8898, 33.5389, 41.7860

Trichromacy



Original Color

32.4040, 33.5894, 39.4259

Protanomaly

32.5999, 33.6904, 39.4350

Deuteranomaly

33.6091, 33.4621, 39.8094

Tritanomaly

32.7048, 33.4650, 40.8120

Monochromacy



Original Color

32.4040, 33.5894, 39.4259

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.2196, 33.7852, 37.6239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4040, 33.5894, 39.4259 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(157, 156, 163)` looks like.

```
.text, #text, p{  
    color:rgb(157, 156, 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(157, 156, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 156, 163) }
```

Border

The CSS property to change the border of an element to XYZ 32.4040, 33.5894, 39.4259 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(157, 156, 163) }
```


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

```
.border{ border-color:rgb(157, 156, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 156, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 156, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 156, 163);  
box-shadow:4px 4px 4px 4px rgb(157, 156,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4040, 33.5894, 39.4259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 156, 163) }
```

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

```
.background{ background-color: rgb(157,  
156, 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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