

Converting Colors

XYZ(32.2368, 33.2551, 39.3701)

Have a look what the booklet for
XYZ(32.2368, 33.2551, 39.3701)
contains.

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Color

**XYZ(32.2368, 33.2551,
39.3701)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9BA3
RGB	157, 155, 163
RGB Percent	62%, 61%, 64%
CMY	0.3843, 0.3921, 0.3608
CMYK	0.04, 0.05, 0.00, 0.36
HSL	255°, 4%, 62%
HSV	255°, 5%, 64%
XYZ	32.2368, 33.2551, 39.3701
YIQ	156.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

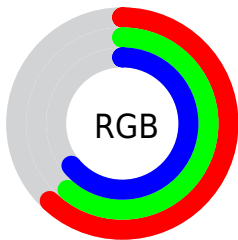
Format	Color
RYB	157, 155, 163
Decimal	10328995
CIELab	64.37, 2.28, -3.92
CIELCh	64, 4.536, 300.206
Yxy	33.2551, 0.3074, 0.3171
Android (android.graphics.Color)	4288519075 (0xFF9D9BA3)
YUV	156.5100, 3.1996, 0.4297
Hunter-Lab	57.6672, -1.1336, -0.1109

Details

The XYZ color **32.2368, 33.2551, 39.3701** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.7127, 36.1389, 36.2106**, and the grayscale version is **31.8152, 33.4721, 36.4511**.

A 20% lighter version of the original color is **62.6067, 64.6599, 75.5106**, and **13.7634, 14.1125, 17.0375** is the 20% darker color. If you saturate the color by 10%, you get **27.4377, 27.0230, 38.4206**, and if you desaturate by 10%, it is **37.6429, 40.3456, 40.4543**.

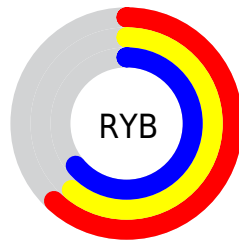
Distribution



Red (62%)

Green (61%)

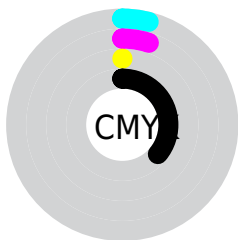
Blue (64%)



Red (62%)

Yellow (61%)

Blue (64%)

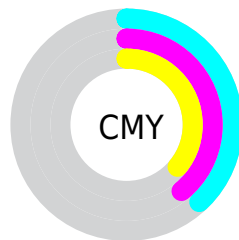


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (36%)



Cyan (38%)

Magenta (39%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2368, 33.2551, 39.3701 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 32.2368, 33.2551, 39.3701 by changing the saturation by 10% instead.

■ 32.2368, 33.2551,
39.3701

■ 32.2368, 33.2551,
39.3701

303.9227,
316.7977, 358.9343

■ 21.6989, 22.3219,
26.7377

■ 62.5448, 64.7736,
75.4299

■ 13.7512, 14.0936,
17.1456

■ 83.0456, 86.1277,
99.6945

■ 8.0283, 8.1858,
10.1753

107.5981,
111.7243, 128.6734

■ 4.1650, 4.2141,
5.4082

136.5675,
141.9477, 162.7854

■ 1.7959, 1.7940,
2.4258

170.3194,
177.1824, 202.4490

■ 0.5152, 0.4834,
0.8005

209.2190,

■ 0.0000, 0.0000,

217.8126, 248.0826

0.0000

253.6316,
264.2229, 300.1049

■ 32.2368, 33.2551,
39.3701

■ 32.2368, 33.2551,
39.3701

■ 27.4377, 27.0230,
38.4206

■ 37.6429, 40.3456,
40.4543

■ 23.2210, 21.6122,
37.5985

■ 43.6735, 48.3212,
41.6759

■ 19.5651, 16.9894,
36.8989

■ 50.3491, 57.2126,
43.0402

■ 16.4453, 13.1171,
36.3159

■ 57.6883, 67.0479,
44.5518

■ 13.8355, 9.9549,
35.8431

■ 65.7088, 77.8540,
46.2149

■ 11.7070, 7.4584,
35.4734

■ 74.4280, 89.6565,
48.0335

■ 10.0284, 5.5783,
35.1989

■ 79.1964, 93.1486,
48.4562

■ 8.7639, 4.2578,
35.0107

■ 83.5494, 95.3926,
48.6599

■ 7.8706, 3.4276,
34.8975

■ 83.6109, 95.4244,
48.6628

Harmonies

Analogous

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



31.6124, 33.2551, 39.8828



32.2368, 33.2551, 39.3701



32.6978, 33.2551, 38.0050

Triad

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



32.2368, 33.2551, 39.3701



32.2290, 33.2551, 33.2100



30.3825, 33.2551, 36.2220

Complementary

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



32.2368, 33.2551, 39.3701



33.7127, 36.1389, 36.2106

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.



30.5426, 33.2551, 34.4708



32.2368, 33.2551, 39.3701



31.6035, 33.2551, 32.7683

Square

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



32.2368, 33.2551, 39.3701



32.6932, 33.2551, 34.4494



30.9874, 33.2551, 33.2221



30.5470, 33.2551, 38.0279

Rectangle

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



32.2368, 33.2551, 39.3701



32.8474, 33.2551, 36.8174



30.9874, 33.2551, 33.2221



30.4001, 33.2551, 35.6076

Sweetspot

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



32.2378, 33.2565, 39.3708



61.3672, 64.3097, 71.2347



32.8977, 35.1502, 39.7016



13.7953, 14.4601, 16.0015



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.



32.2378, 33.2565, 39.3708



56.6421, 58.1338, 70.2917



33.0043, 33.6517, 39.4067



7.1706, 7.3475, 8.9433



5.8761, 2.4357, 27.0902



0.1638, 0.0720, 0.5711

Inverse Universe

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



33.2598, 33.8039, 38.4917



58.9068, 59.3470, 68.3339



32.9453, 35.7432, 36.1747



7.4761, 7.5112, 8.6788



14.5017, 7.1567, 15.0983



0.3219, 0.1572, 0.4075

Previews

White Background



This preview shows how the XYZ color 32.2368, 33.2551, 39.3701 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 32.2368, 33.2551, 39.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

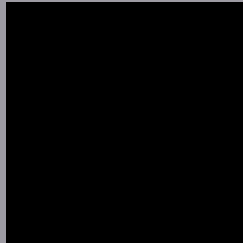
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

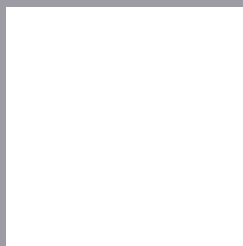
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.2368, 33.2551, 39.3701

Background



This preview shows how black text looks on a background with the XYZ color 32.2368, 33.2551, 39.3701.



This preview shows how white text looks on a background with the XYZ color 32.2368, 33.2551,

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

32.2368, 33.2551, 39.3701

Protanopia

32.2368, 33.2551, 39.3701

Deuteranopia

33.9159, 33.1384, 39.7307



Tritanopia

32.6312, 33.1703, 41.2419

Trichromacy



Original Color

32.2368, 33.2551, 39.3701

Protanomaly

32.2368, 33.2551, 39.3701

Deuteranomaly

33.2389, 33.0293, 39.7454

Tritanomaly

32.5391, 33.1335, 40.7568

Monochromacy



Original Color

32.2368, 33.2551, 39.3701

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.0511, 33.4482, 37.5678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2368, 33.2551, 39.3701 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, 155, 163)` looks like.

```
.text, #text, p{  
    color:rgb(157, 155, 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, 155, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 155, 163) }
```

Border

The CSS property to change the border of an element to XYZ 32.2368, 33.2551, 39.3701 is called "border". The border property can be set on classes, ids or directly on the HTML element.

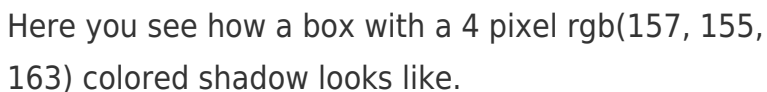
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 155, 163) }
```


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

```
.border{ border-color:rgb(157, 155, 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, 155, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 155, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 155, 163); box-shadow:4px 4px 4px 4px rgb(157, 155, 163) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2368, 33.2551, 39.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 155, 163) }
```

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

```
.background{ background-color: rgb(157,  
155, 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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