

Converting Colors

XYZ(32.7333, 33.5189, 39.4889)

Have a look what the booklet for
XYZ(32.7333, 33.5189, 39.4889)
contains.

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Color

**XYZ(32.6303, 33.4580,
39.3886)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9BA3
RGB	159, 155, 163
RGB Percent	62%, 61%, 64%
CMY	0.3765, 0.3921, 0.3608
CMYK	0.02, 0.05, 0.00, 0.36
HSL	270°, 4%, 62%
HSV	270°, 5%, 64%
XYZ	32.6303, 33.4580, 39.3886
YIQ	157.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

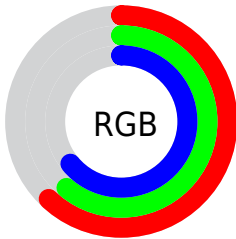
Format	Color
R_{YB}	159, 155, 163
Decimal	10460067
CIE Lab	64.53, 2.99, -3.66
CIE LCh	65, 4.728, 309.257
Yxy	33.4580, 0.3094, 0.3172
Android (android.graphics.Color)	4288650147 (0xFF9F9BA3)
YUV	157.1080, 2.9048, 1.6593
Hunter-Lab	57.8429, -0.5297, 0.1160

Details

The XYZ color **32.6303, 33.4580, 39.3886** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.3130, 35.9328, 36.1920**, and the grayscale version is **32.0846, 33.7555, 36.7598**.

A 20% lighter version of the original color is **63.1869, 64.9590, 75.5377**, and **14.0039, 14.2365, 17.0488** is the 20% darker color. If you saturate the color by 10%, you get **28.5351, 27.5888, 38.4721**, and if you desaturate by 10%, it is **37.2003, 40.1175, 40.4337**.

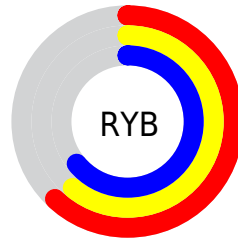
Distribution



Red (62%)

Green (61%)

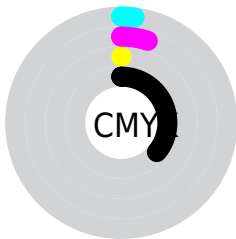
Blue (64%)



Red (62%)

Yellow (61%)

Blue (64%)

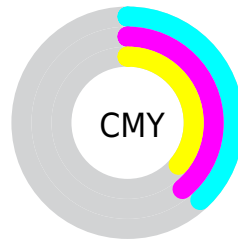


Cyan (2%)

Magenta (5%)

Yellow (0%)

Black (36%)



Cyan (38%)

Magenta (39%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6303, 33.4580, 39.3886 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 32.6303, 33.4580, 39.3886 by changing the saturation by 10% instead.

■ 32.6303, 33.4580,
39.3886

■ 32.6303, 33.4580,
39.3886

305.6751,
317.7085, 359.0150

■ 22.0013, 22.4775,
26.7520

■ 63.1565, 65.0899,
75.4585

■ 13.9744, 14.2082,
17.1563

■ 83.7843, 86.5102,
99.7288

■ 8.1845, 8.2656,
10.1828

108.4757,
112.1791, 128.7142

■ 4.2660, 4.2654,
5.4132

137.5962,
142.4812, 162.8331

■ 1.8537, 1.8231,
2.4287

171.5110,
177.8008, 202.5041

■ 0.5497, 0.5015,
0.8020

210.5855,

■ 0.0000, 0.0000,

218.5223, 248.1457

0.0000

255.1851,
265.0300, 300.1765

■ 32.6303, 33.4580,
39.3886

■ 32.6303, 33.4580,
39.3886

■ 28.5351, 27.5888,
38.4721

■ 37.2003, 40.1175,
40.4337

■ 24.8952, 22.4753,
37.6769

■ 42.2579, 47.5915,
41.6097

■ 21.6939, 18.0868,
36.9986

■ 47.8191, 55.9084,
42.9219

■ 18.9123, 14.3889,
36.4314

■ 53.8981, 65.0941,
44.3746

■ 16.5301, 11.3440,
35.9693

■ 60.5088, 75.1733,
45.9716

14.5250, 8.9111,
35.6053

67.6641, 86.1697,
47.7170

12.8722, 7.0443,
35.3321

70.7110, 88.7742,
48.0591

11.5435, 5.6908,
35.1409

73.1810, 90.0476,
48.1747

10.5044, 4.7853,
35.0209

75.7723, 91.3834,
48.2960

Harmonies

Analogous

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



32.0103, 33.4580, 40.2283



32.6303, 33.4580, 39.3886



33.0317, 33.4580, 37.7642

Triad

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



32.6303, 33.4580, 39.3886



32.2633, 33.4580, 33.0592



30.5354, 33.4580, 37.0321

Complementary

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



32.6303, 33.4580, 39.3886



33.3130, 35.9328, 36.1920

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.



30.6009, 33.4580, 35.1277



32.6303, 33.4580, 39.3886



31.5922, 33.4580, 32.8788

Square

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



32.6303, 33.4580, 39.3886



32.8177, 33.4580, 34.1253



30.9855, 33.4580, 33.6235



30.8051, 33.4580, 38.8364

Rectangle

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



32.6303, 33.4580, 39.3886



33.1181, 33.4580, 36.4783



30.9855, 33.4580, 33.6235



30.5190, 33.4580, 36.3819

Sweetspot

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



32.6313, 33.4594, 39.3893



61.5182, 64.3876, 71.2418



32.5508, 34.4564, 39.5860



13.8273, 14.4766, 16.0030



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.



32.6313, 33.4594, 39.3893



57.5109, 58.5817, 70.3324



33.4102, 33.8610, 39.4258



7.2877, 7.4079, 8.9488



7.8591, 3.4580, 27.1830



0.2196, 0.1008, 0.5737

Inverse Universe

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



33.0848, 33.7340, 37.5702



58.5188, 59.1918, 66.2903



32.5580, 35.5436, 36.1567



7.4237, 7.4902, 8.4030



12.9315, 6.5287, 6.8300



0.2956, 0.1467, 0.2691

Previews

White Background



This preview shows how the XYZ color 32.6303, 33.4580, 39.3886 looks on a white background.

Color Contrast Check

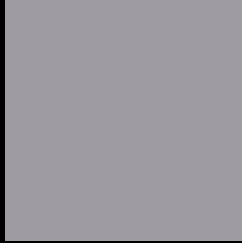
Large Text (above 18pt) WCAG AA × Fail

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 32.6303, 33.4580, 39.3886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

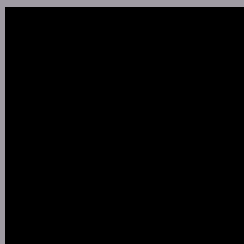
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6303, 33.4580, 39.3886

Background



This preview shows how black text looks on a background with the XYZ color 32.6303, 33.4580, 39.3886.



This preview shows how white text looks on a background with the XYZ color 32.6303, 33.4580,

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

32.6303, 33.4580, 39.3886

Protanopia

32.4040, 33.5894, 39.4259

Deuteranopia

34.0775, 33.4616, 39.7846



Tritanopia

33.0279, 33.3748, 41.2604

Trichromacy



Original Color

32.6303, 33.4580, 39.3886

Protanomaly

32.5999, 33.6904, 39.4350

Deuteranomaly

33.6091, 33.4621, 39.8094

Tritanomaly

32.9357, 33.3380, 40.7754

Monochromacy



Original Color

32.6303, 33.4580, 39.3886

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.2470, 33.5492, 37.5769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6303, 33.4580, 39.3886 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, 155, 163)` looks like.

```
.text, #text, p{  
    color:rgb(159, 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(159, 155, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 155, 163) }
```

Border

The CSS property to change the border of an element to XYZ 32.6303, 33.4580, 39.3886 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, 155, 163) }
```


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

```
.border{ border-color:rgb(159, 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(159, 155, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 155, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 155, 163);  
box-shadow:4px 4px 4px 4px rgb(159, 155,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6303, 33.4580, 39.3886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 155, 163) }
```

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

```
.background{ background-color: rgb(159,  
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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