

Converting Colors

XYZ(32.0139, 33.3045, 31.9352)

Have a look what the booklet for
XYZ(32.0139, 33.3045, 31.9352)
contains.

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Color

**XYZ(32.0139, 33.3045,
31.9352)**

Conversions

Conversions Part 1

Format	Color
Hex	A39B92
RGB	163, 155, 146
RGB Percent	64%, 61%, 57%
CMY	0.3608, 0.3921, 0.4274
CMYK	0.00, 0.05, 0.10, 0.36
HSL	32°, 8%, 61%
HSV	32°, 10%, 64%
XYZ	32.0139, 33.3045, 31.9352
YIQ	156.3660, 7.6570, -1.1030

Conversions

Conversions Part 2

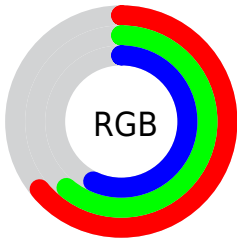
Format	Color
R _Y B	161, 163, 146
Decimal	10722194
CIE Lab	64.41, 1.31, 5.75
CIE LCh	64, 5.896, 77.212
Yxy	33.3045, 0.3292, 0.3425
Android (android.graphics.Color)	4288912274 (0xFFA39B92)
YUV	156.3660, -5.1104, 5.8180
Hunter-Lab	57.7101, -1.9720, 7.5875

Details

The XYZ color **32.0139, 33.3045, 31.9352** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0205, 31.8660, 39.2192**, and the grayscale version is **31.7839, 33.4391, 36.4152**.

A 20% lighter version of the original color is **62.1392, 64.6765, 63.8523**, and **13.6172, 14.1247, 13.0750** is the 20% darker color. If you saturate the color by 10%, you get **29.5997, 30.3624, 25.3145**, and if you desaturate by 10%, it is **34.6918, 36.4839, 39.5366**.

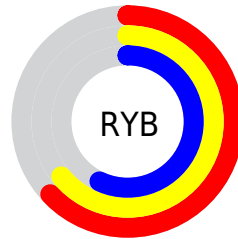
Distribution



Red (64%)

Green (61%)

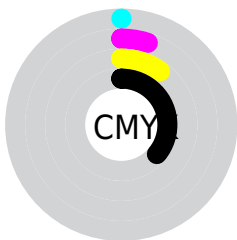
Blue (57%)



Red (63%)

Yellow (64%)

Blue (57%)

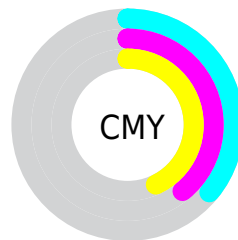


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (36%)



Cyan (36%)

Magenta (39%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0139, 33.3045, 31.9352 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 32.0139, 33.3045, 31.9352 by changing the saturation by 10% instead.

■ 32.0139, 33.3045,
31.9352

■ 32.0139, 33.3045,
31.9352

302.9267,
317.0196, 325.3076

■ 21.5277, 22.3598,
21.0476

■ 62.1979, 64.8506,
63.8062

■ 13.6249, 14.1215,
12.9672

■ 82.6265, 86.2209,
85.6267

■ 7.9402, 8.2052,
7.2755

107.0999,
111.8351, 111.9286

■ 4.1082, 4.2266,
3.5539

135.9834,
142.0777, 143.1304

■ 1.7635, 1.8011,
1.3840

169.6426,
177.3330, 179.6506

■ 0.4955, 0.4879,
0.1292

208.4426,

■ 0.0000, 0.0000,

217.9855, 221.9079

0.0000

252.7488,
264.4196, 270.3207

■ 32.0139, 33.3045,
31.9352

■ 32.0139, 33.3045,
31.9352

■ 29.5997, 30.3624,
25.3145

■ 34.6918, 36.4839,
39.5366

■ 27.4374, 27.6473,
19.6317

■ 37.6393, 39.9021,
48.1548

■ 25.5181, 25.1542,
14.8442

■ 40.8655, 43.5660,
57.8265

■ 23.8316, 22.8765,
10.9050

■ 44.3781, 47.4810,
68.5863

■ 22.3665, 20.8071,
7.7629

■ 48.1848, 51.6522,
80.4668

■ 21.1104, 18.9383,
5.3609

■ 52.2926, 56.0846,
93.4994

■ 20.0495, 17.2618,
3.6346

■ 55.8761, 60.4500,
103.3308

■ 19.1677, 15.7682,
2.5080

■ 57.7991, 64.2961,
103.9718

■ 18.4580, 14.4938,
1.8247

■ 59.8139, 68.3256,
104.6434

Harmonies

Analogous

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



32.7652, 33.3045, 32.9722



32.0139, 33.3045, 31.9352



31.1793, 33.3045, 32.0202

Triad

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



32.0139, 33.3045, 31.9352



30.1366, 33.3045, 37.6494



32.8555, 33.3045, 39.4978

Complementary

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



32.0139, 33.3045, 31.9352



30.0205, 31.8660, 39.2192

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.



32.1354, 33.3045, 40.8648



32.0139, 33.3045, 31.9352



30.5701, 33.3045, 39.7657

Square

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



32.0139, 33.3045, 31.9352



30.1054, 33.3045, 35.2483



31.2986, 33.3045, 40.9650



33.2568, 33.3045, 37.2968

Rectangle

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



32.0139, 33.3045, 31.9352



30.6879, 33.3045, 32.7013



31.2986, 33.3045, 40.9650



32.6421, 33.3045, 40.0742

Sweetspot

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



32.0148, 33.3060, 31.9359



60.8242, 63.8032, 67.0574



31.2344, 30.6851, 34.9436



13.5746, 14.2280, 14.8144



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.



32.0148, 33.3060, 31.9359



56.0725, 58.1235, 53.6855



33.3322, 36.0268, 32.3917



7.3697, 7.6778, 7.4736



14.3910, 11.3559, 1.4334



0.3493, 0.3324, 0.0457

Inverse Universe

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



30.0205, 31.8660, 39.2192



51.6233, 54.9112, 69.9342



28.7947, 29.3396, 38.7962



6.9623, 7.3837, 8.9613



7.2277, 6.2349, 27.7523



0.1991, 0.2255, 0.5989

Previews

White Background



This preview shows how the XYZ color 32.0139, 33.3045, 31.9352 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 32.0139, 33.3045, 31.9352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

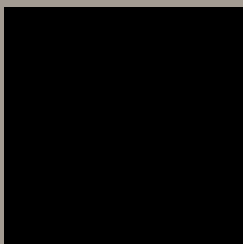
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

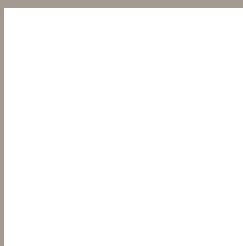
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.0139, 33.3045, 31.9352

Background



This preview shows how black text looks on a background with the XYZ color 32.0139, 33.3045, 31.9352.



This preview shows how white text looks on a background with the XYZ color 32.0139, 33.3045,

31.9352.

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

32.0139, 33.3045, 31.9352

Protanopia

31.7747, 33.4293, 31.9719

Deuteranopia

34.0123, 33.3538, 32.2490



Tritanopia

33.6550, 33.2438, 39.7648

Trichromacy



Original Color

32.0139, 33.3045, 31.9352

Protanomaly

31.9771, 33.5336, 31.9814

Deuteranomaly

33.2893, 33.2210, 32.2615

Tritanomaly

32.9941, 33.2161, 36.5707

Monochromacy



Original Color

32.0139, 33.3045, 31.9352

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.8540, 33.4149, 34.4766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0139, 33.3045, 31.9352 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(163, 155, 146)` looks like.

```
.text, #text, p{  
    color:rgb(163, 155, 146)  
}
```

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(163, 155, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 155, 146) }
```

Border

The CSS property to change the border of an element to XYZ 32.0139, 33.3045, 31.9352 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(163, 155, 146) }
```


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

```
.border{ border-color:rgb(163, 155, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 155, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 155, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 155, 146);  
box-shadow:4px 4px 4px 4px rgb(163, 155,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0139, 33.3045, 31.9352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 155, 146) }
```

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

```
.background{ background-color: rgb(163,  
155, 146) }
```

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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