

Converting Colors

XYZ(32.2729, 33.3670, 33.4256)

Have a look what the booklet for
XYZ(32.2729, 33.3670, 33.4256)
contains.

XYZ(32.3306, 33.4312, 33.6030)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.3306, 33.4312,
33.6030)**

Conversions

Conversions Part 1

Format	Color
Hex	A39B96
RGB	163, 155, 150
RGB Percent	64%, 61%, 59%
CMY	0.3608, 0.3921, 0.4118
CMYK	0.00, 0.05, 0.08, 0.36
HSL	23°, 7%, 61%
HSV	23°, 8%, 64%
XYZ	32.3306, 33.4312, 33.6030
YIQ	156.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

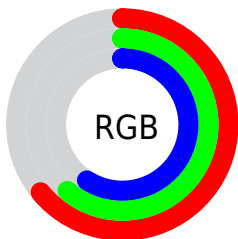
Format	Color
RYB	163, 158, 150
Decimal	10722198
CIELab	64.51, 2.01, 3.65
CIELCh	65, 4.168, 61.174
Yxy	33.4312, 0.3254, 0.3364
Android (android.graphics.Color)	4288912278 (0xFFA39B96)
YUV	156.8220, -3.3632, 5.4181
Hunter-Lab	57.8197, -1.3741, 6.0163

Details

The XYZ color **32.3306, 33.4312, 33.6030** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.4153, 33.5815, 39.4768**, and the grayscale version is **31.9812, 33.6467, 36.6413**.

A 20% lighter version of the original color is **62.6130, 64.8660, 66.3471**, and **13.7580, 14.1810, 13.8165** is the 20% darker color. If you saturate the color by 10%, you get **29.5085, 29.7432, 26.6308**, and if you desaturate by 10%, it is **35.4758, 37.4723, 41.5845**.

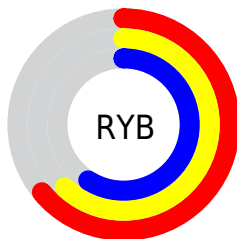
Distribution



Red (64%)

Green (61%)

Blue (59%)



Red (64%)

Yellow (62%)

Blue (59%)

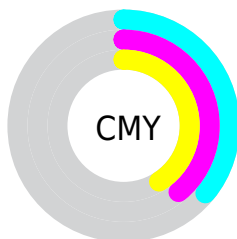


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (36%)



Cyan (36%)

Magenta (39%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3306, 33.4312, 33.6030 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 32.3306, 33.4312, 33.6030 by changing the saturation by 10% instead.

■ 32.3306, 33.4312,
33.6030

■ 32.3306, 33.4312,
33.6030

304.3411,
317.5883, 333.0732

■ 21.7709, 22.4570,
22.3139

■ 62.6907, 65.0482,
66.4426

■ 13.8043, 14.1931,
13.8872

■ 83.2218, 86.4597,
88.8303

■ 8.0655, 8.2551,
7.9044

107.8075,
112.1191, 115.7545

■ 4.1890, 4.2586,
3.9469

136.8130,
142.4108, 147.6338

■ 1.8096, 1.8192,
1.5963

170.6038,
177.7192, 184.8868

■ 0.5235, 0.4991,
0.2882

209.5452,

■ 0.0000, 0.0000,

218.4286, 227.9320

0.0000

254.0025,
264.9235, 277.1879

■ 32.3306, 33.4312,
33.6030

■ 32.3306, 33.4312,
33.6030

■ 29.5085, 29.7432,
26.6308

■ 35.4758, 37.4723,
41.5845

■ 26.9959, 26.3944,
20.6253

■ 38.9515, 41.8715,
50.6115

■ 24.7822, 23.3758,
15.5437

■ 42.7686, 46.6391,
60.7209

■ 22.8550, 20.6770,
11.3394

■ 46.9363, 51.7838,
71.9472

■ 21.2014, 18.2865,
7.9615

■ 51.4638, 57.3139,
84.3234

■ 19.8067, 16.1922,
5.3540

■ 56.3598, 63.2373,
97.8812

■ 18.6552, 14.3812,
3.4537

■ 60.1320, 68.9617,
104.7494

■ 17.7288, 12.8391,
2.1871

■ 62.9259, 74.5497,
105.6807

■ 16.9991, 11.5470,
1.4276

■ 65.8818, 80.4614,
106.6660

Harmonies

Analogous

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



32.7651, 33.4312, 34.7297



32.3306, 33.4312, 33.6030



31.7519, 33.4312, 33.2199

Triad

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



32.3306, 33.4312, 33.6030



30.6443, 33.4312, 36.4681



32.3717, 33.4312, 39.2792

Complementary

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



32.3306, 33.4312, 33.6030



31.4153, 33.5815, 39.4768

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.



31.7988, 33.4312, 39.7787



32.3306, 33.4312, 33.6030



30.8058, 33.4312, 38.1248

Square

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



32.3306, 33.4312, 33.6030



30.7828, 33.4312, 34.8427



31.2265, 33.4312, 39.3499



32.7890, 33.4312, 38.0049

Rectangle

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



32.3306, 33.4312, 33.6030



31.3636, 33.4312, 33.4280



31.2265, 33.4312, 39.3499



32.1907, 33.4312, 39.5450

Sweetspot

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



32.3315, 33.4327, 33.6037



61.1759, 64.0940, 68.4462



32.1840, 32.0689, 36.8493



13.7547, 14.4143, 15.4106



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.



32.3315, 33.4327, 33.6037



56.7364, 58.3609, 57.2680



33.4392, 35.6479, 33.9729



7.2868, 7.5121, 7.4460



13.1500, 8.8739, 1.0197



0.3212, 0.2763, 0.0364

Inverse Universe

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



31.4153, 33.5815, 39.4768



54.6714, 58.6962, 70.5041



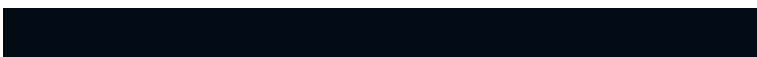
30.3389, 31.4287, 39.1180



7.0461, 7.5512, 8.9892



8.7447, 9.2688, 28.2579



0.2274, 0.2821, 0.6083

Previews

White Background



This preview shows how the XYZ color 32.3306, 33.4312, 33.6030 looks on a white background.

Color Contrast Check

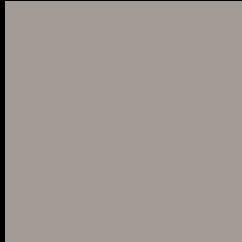
Large Text (above 18pt) WCAG AA × Fail

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 32.3306, 33.4312, 33.6030 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

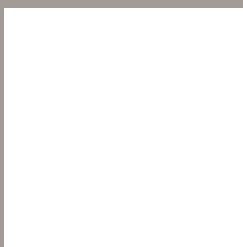
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3306, 33.4312, 33.6030

Background



This preview shows how black text looks on a background with the XYZ color 32.3306, 33.4312, 33.6030.



This preview shows how white text looks on a background with the XYZ color 32.3306, 33.4312,

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

32.3306, 33.4312, 33.6030

Protanopia

32.0914, 33.5560, 33.6397

Deuteranopia

34.1081, 33.3663, 33.9208



Tritanopia

33.6998, 33.4984, 40.2870

Trichromacy



Original Color

32.3306, 33.4312, 33.6030

Protanomaly

32.2938, 33.6603, 33.6492

Deuteranomaly

33.3917, 33.2369, 33.9336

Tritanomaly

33.2106, 33.5418, 37.9815

Monochromacy



Original Color

32.3306, 33.4312, 33.6030

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.0193, 33.4810, 35.3467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3306, 33.4312, 33.6030 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(163, 155, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 155, 150) }
```

Border

The CSS property to change the border of an element to XYZ 32.3306, 33.4312, 33.6030 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, 150) }
```


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

```
.border{ border-color:rgb(163, 155, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 155, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 155, 150);  
box-shadow:4px 4px 4px 4px rgb(163, 155,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3306, 33.4312, 33.6030 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, 150) }
```

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

```
.background{ background-color: rgb(163,  
155, 150) }
```

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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