

Converting Colors

XYZ(30.6110, 32.7838, 33.9930)

Have a look what the booklet for
XYZ(30.6110, 32.7838, 33.9930)
contains.

XYZ(30.6113, 32.7836, 33.9926)	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(30.6113, 32.7836,
33.9926)**

Conversions

Conversions Part 1

Format	Color
Hex	999C97
RGB	153, 156, 151
RGB Percent	60%, 61%, 59%
CMY	0.4000, 0.3882, 0.4078
CMYK	0.02, 0.00, 0.03, 0.39
HSL	96°, 2%, 60%
HSV	96°, 3%, 61%
XYZ	30.6113, 32.7836, 33.9926
YIQ	154.5330, -0.1830, -2.1910

Conversions

Conversions Part 2

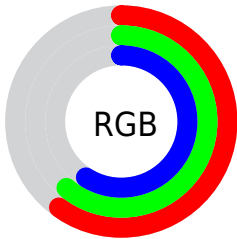
Format	Color
RYB	151, 156, 154
Decimal	10067095
CIELab	63.99, -2.04, 2.23
CIELCh	64, 3.018, 132.393
Yxy	32.7836, 0.3143, 0.3366
Android (android.graphics.Color)	4288257175 (0xFF999C97)
YUV	154.5330, -1.7418, -1.3444
Hunter-Lab	57.2570, -4.7682, 4.8803

Details

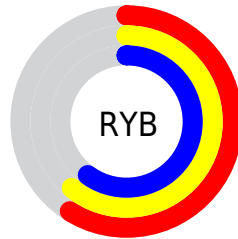
The XYZ color **30.6113, 32.7836, 33.9926** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.3949, 31.4043, 35.9138**, and the grayscale version is **30.9578, 32.5700, 35.4688**.

A 20% lighter version of the original color is **59.7982, 63.7664, 66.9140**, and **12.8313, 13.8480, 14.0532** is the 20% darker color. If you saturate the color by 10%, you get **27.7292, 31.4356, 27.6761**, and if you desaturate by 10%, it is **33.8017, 34.2730, 41.2001**.

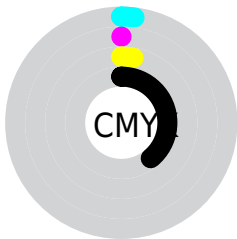
Distribution



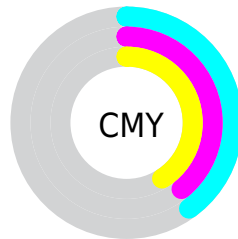
- Red (60%)
- Green (61%)
- Blue (59%)



- Red (59%)
- Yellow (61%)
- Blue (60%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (39%)



- Cyan (40%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6113, 32.7836, 33.9926 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 30.6113, 32.7836, 33.9926 by changing the saturation by 10% instead.

■ 30.6113, 32.7836,
33.9926

■ 30.6113, 32.7836,
33.9926

296.6025,
314.6735, 334.8672

■ 20.4534, 21.9607,
22.6106

■ 60.0076, 64.0375,
67.0559

■ 12.8352, 13.8280,
14.1037

■ 79.9767, 85.2374,
89.5743

■ 7.3914, 8.0012,
8.0532

103.9470,
110.6650, 116.6420

■ 3.7566, 4.0957,
4.0408

132.2837,
140.7048, 148.6773

■ 1.5654, 1.7272,
1.6477

165.3523,
175.7411, 186.0990

■ 0.3697, 0.4412,
0.3245

203.5180,

■ 0.0000, 0.0000,

216.1584, 229.3255

0.0000

247.1463,
262.3411, 278.7754

■ 30.6113, 32.7836,
33.9926

■ 30.6113, 32.7836,
33.9926

■ 27.7292, 31.4356,
27.6761

■ 33.8017, 34.2730,
41.2001

■ 25.1428, 30.2205,
22.2138

■ 37.3067, 35.9036,
49.3292

■ 22.8429, 29.1352,
17.5697

■ 41.1362, 37.6808,
58.4115

■ 20.8185, 28.1751,
13.7044

■ 45.2986, 39.6081,
68.4766

■ 19.0580, 27.3350,
10.5749

■ 49.8020, 41.6892,
79.5528

■ 17.5489, 26.6095,
8.1345

■ 54.6543, 43.9275,
91.6673

■ 16.2774, 25.9926,
6.3308

■ 59.0138, 45.9868,
100.3737

■ 15.2280, 25.4776,
5.1040

■ 61.9026, 47.4760,
100.5089

■ 14.3830, 25.0571,
4.3830

■ 64.9522, 49.0481,
100.6516

Harmonies

Analogous

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



30.9845, 32.7836, 33.4551



30.6113, 32.7836, 33.9926



30.3863, 32.7836, 34.9915

Triad

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



30.6113, 32.7836, 33.9926



30.9129, 32.7836, 37.9767



31.9660, 32.7836, 35.1951

Complementary

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



30.6113, 32.7836, 33.9926



30.3949, 31.4043, 35.9138

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.



31.9464, 32.7836, 36.4094



30.6113, 32.7836, 33.9926



31.3358, 32.7836, 38.0343

Square

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



30.6113, 32.7836, 33.9926



30.5593, 32.7836, 37.2995



31.7149, 32.7836, 37.4549



31.7682, 32.7836, 34.1387

Rectangle

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



30.6113, 32.7836, 33.9926



30.3493, 32.7836, 35.7937



31.7149, 32.7836, 37.4549



31.9847, 32.7836, 35.5980

Sweetspot

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



30.6122, 32.7850, 33.9933



56.8164, 60.1131, 64.4607



30.8531, 32.4148, 33.9092



12.5097, 13.2311, 14.2013



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



30.6122, 32.7850, 33.9933



55.1189, 59.3202, 60.6740



30.2785, 32.6083, 34.1903



7.1076, 7.6729, 7.7805



11.4855, 20.4577, 3.3434



0.2517, 0.3897, 0.0619

Inverse Universe

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



30.3949, 31.4043, 35.9138



54.6197, 56.1485, 65.0857



30.7366, 31.5854, 35.7091



7.0344, 7.2080, 8.4272



8.7530, 3.9414, 26.2067



0.2033, 0.0946, 0.4708

Previews

White Background



This preview shows how the XYZ color 30.6113, 32.7836, 33.9926 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 30.6113, 32.7836, 33.9926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

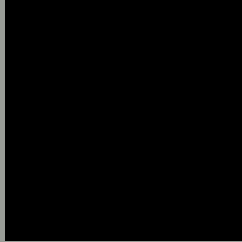
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.6113, 32.7836, 33.9926

Background



This preview shows how black text looks on a background with the XYZ color 30.6113, 32.7836, 33.9926.



This preview shows how white text looks on a background with the XYZ color 30.6113, 32.7836,

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

30.6113, 32.7836, 33.9926

Protanopia

31.3587, 32.6841, 33.5101

Deuteranopia

33.3684, 32.7376, 34.2660



Tritanopia

31.9561, 32.8329, 40.7295

Trichromacy



Original Color

30.6113, 32.7836, 33.9926

Protanomaly

31.1310, 32.8128, 33.5469

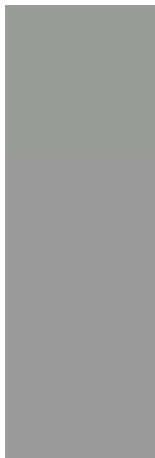
Deuteranomaly

32.2056, 32.6160, 34.3039

Tritanomaly

31.4808, 32.8859, 38.4066

Monochromacy



Original Color

30.6113, 32.7836, 33.9926

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.8805, 32.6458, 35.2455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6113, 32.7836, 33.9926 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(153, 156, 151)` looks like.

```
.text, #text, p{  
    color:rgb(153, 156, 151)  
}
```

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(153, 156, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 156, 151) }
```

Border

The CSS property to change the border of an element to XYZ 30.6113, 32.7836, 33.9926 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(153, 156, 151) }
```


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

```
.border{ border-color:rgb(153, 156, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 156, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 156, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 156, 151);  
box-shadow:4px 4px 4px 4px rgb(153, 156,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6113, 32.7836, 33.9926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 156, 151) }
```

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

```
.background{ background-color: rgb(153,  
156, 151) }
```

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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