

Converting Colors

XYZ(30.0433, 32.5105, 32.8119)

Have a look what the booklet for
XYZ(30.0433, 32.5105, 32.8119)
contains.

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Color

**XYZ(29.9963, 32.4944,
32.7080)**

Conversions

Conversions Part 1

Format	Color
Hex	979C94
RGB	151, 156, 148
RGB Percent	59%, 61%, 58%
CMY	0.4078, 0.3882, 0.4196
CMYK	0.03, 0.00, 0.05, 0.39
HSL	98°, 4%, 60%
HSV	98°, 5%, 61%
XYZ	29.9963, 32.4944, 32.7080
YIQ	153.5930, -0.4120, -3.5480

Conversions

Conversions Part 2

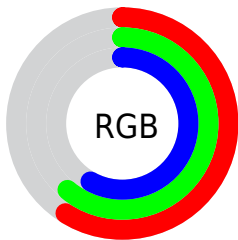
Format	Color
RYB	148, 156, 153
Decimal	9936020
CIELab	63.75, -3.33, 3.55
CIELCh	64, 4.869, 133.132
Yxy	32.4944, 0.3151, 0.3413
Android (android.graphics.Color)	4288126100 (0xFF979C94)
YUV	153.5930, -2.7573, -2.2741
Hunter-Lab	57.0039, -5.8273, 5.8829

Details

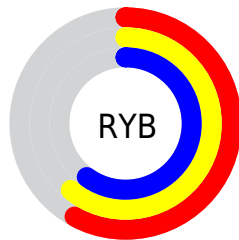
The XYZ color **29.9963, 32.4944, 32.7080** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.7287, 30.3532, 35.7461**, and the grayscale version is **30.5495, 32.1405, 35.0010**.

A 20% lighter version of the original color is **58.8841, 63.3366, 64.9988**, and **12.4648, 13.6755, 13.2919** is the 20% darker color. If you saturate the color by 10%, you get **27.1084, 31.1397, 26.5556**, and if you desaturate by 10%, it is **33.2023, 33.9956, 39.7454**.

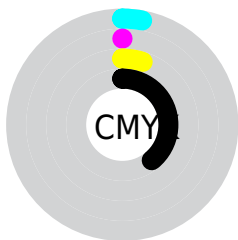
Distribution



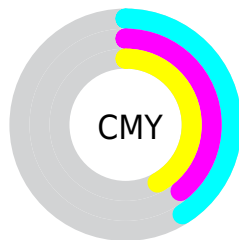
- Red (59%)
- Green (61%)
- Blue (58%)



- Red (58%)
- Yellow (61%)
- Blue (60%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (39%)



- Cyan (41%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9963, 32.4944, 32.7080 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 29.9963, 32.4944, 32.7080 by changing the saturation by 10% instead.

■ 29.9963, 32.4944,
32.7080

■ 29.9963, 32.4944,
32.7080

293.7973,
313.3653, 328.9235

■ 19.9838, 21.7394,
21.6336

■ 59.0430, 63.5854,
65.0301

■ 12.4915, 13.6655,
13.3922

■ 78.8079, 84.6901,
87.1149

■ 7.1539, 7.8884,
7.5653

102.5544,
110.0136, 113.7069

■ 3.6057, 4.0236,
3.7343

130.6478,
139.9401, 145.2246

■ 1.4816, 1.6868,
1.4807

163.4534,
174.8542, 182.0865

■ 0.3133, 0.4151,
0.2035

201.3366,

■ 0.0000, 0.0000,

215.1401, 224.7113

0.0000

244.6628,
261.1824, 273.5174

■ 29.9963, 32.4944,
32.7080

■ 29.9963, 32.4944,
32.7080

■ 27.1084, 31.1397,
26.5556

■ 33.2023, 33.9956,
39.7454

■ 24.5255, 29.9230,
21.2512

■ 36.7333, 35.6436,
47.6988

■ 22.2378, 28.8407,
16.7581

■ 40.5995, 37.4436,
56.6001

■ 20.2339, 27.8879,
13.0362

■ 44.8098, 39.3999,
66.4793

■ 18.5014, 27.0593,
10.0420

■ 49.3728, 41.5160,
77.3648

■ 17.0270, 26.3489,
7.7278

■ 54.2967, 43.7956,
89.2841

■ 15.7960, 25.7504,
6.0398

■ 59.2326, 46.0996,
100.3840

■ 14.7922, 25.2567,
4.9165

■ 62.2580, 47.6592,
100.5255

■ 13.9955, 24.8593,
4.2789

■ 65.4582, 49.3090,
100.6753

Harmonies

Analogous

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



30.5877, 32.4944, 31.8451



29.9963, 32.4944, 32.7080



29.6459, 32.4944, 34.3013

Triad

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



29.9963, 32.4944, 32.7080



30.5057, 32.4944, 39.1013



32.1808, 32.4944, 34.5338

Complementary

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



29.9963, 32.4944, 32.7080



29.7287, 30.3532, 35.7461

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.



32.1581, 32.4944, 36.4829



29.9963, 32.4944, 32.7080



31.1841, 32.4944, 39.1691

Square

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



29.9963, 32.4944, 32.7080



29.9370, 32.4944, 38.0134



31.7910, 32.4944, 38.1955



31.8527, 32.4944, 32.8728

Rectangle

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



29.9963, 32.4944, 32.7080



29.5929, 32.4944, 35.5866



31.7910, 32.4944, 38.1955



32.2141, 32.4944, 35.1759

Sweetspot

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



29.9972, 32.4958, 32.7087



56.2173, 59.8320, 63.1803



30.4372, 31.9680, 32.5836



12.3857, 13.1729, 13.9363



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.



29.9972, 32.4958, 32.7087



53.9364, 58.7634, 58.2296



29.5217, 32.2421, 33.0738



6.9675, 7.6069, 7.4945



11.2888, 20.3563, 3.3342



0.2469, 0.3872, 0.0617

Inverse Universe

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



29.7287, 30.3532, 35.7461



53.3586, 54.1521, 64.7668



30.2234, 30.6174, 35.3581



6.8883, 6.9753, 8.3900



9.0883, 4.1142, 26.2223



0.2081, 0.0971, 0.4710

Previews

White Background



This preview shows how the XYZ color 29.9963, 32.4944, 32.7080 looks on a white background.

Color Contrast Check

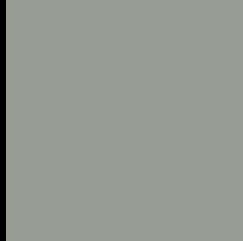
Large Text (above 18pt) WCAG AA × Fail

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 29.9963, 32.4944, 32.7080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

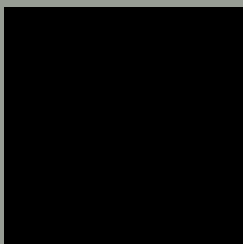
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

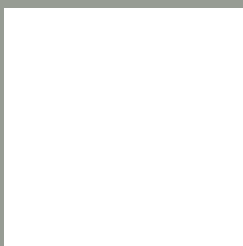
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.9963, 32.4944, 32.7080

Background



This preview shows how black text looks on a background with the XYZ color 29.9963, 32.4944, 32.7080.



This preview shows how white text looks on a background with the XYZ color 29.9963, 32.4944,

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

29.9963, 32.4944, 32.7080

Protanopia

31.1201, 32.5887, 32.2538

Deuteranopia

32.9668, 32.3227, 32.9351



Tritanopia

31.6006, 32.4057, 40.6658

Trichromacy



Original Color

29.9963, 32.4944, 32.7080

Protanomaly

30.6981, 32.6172, 32.2815

Deuteranomaly

31.9629, 32.5189, 33.0259

Tritanomaly

30.9505, 32.3867, 37.4209

Monochromacy



Original Color

29.9963, 32.4944, 32.7080

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.5257, 32.4820, 34.3665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9963, 32.4944, 32.7080 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(151, 156, 148)` looks like.

```
.text, #text, p{  
    color:rgb(151, 156, 148)  
}
```

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(151, 156, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 156, 148) }
```

Border

The CSS property to change the border of an element to XYZ 29.9963, 32.4944, 32.7080 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(151, 156, 148) }
```


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

```
.border{ border-color:rgb(151, 156, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 156, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 156, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 156, 148);  
box-shadow:4px 4px 4px 4px rgb(151, 156,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9963, 32.4944, 32.7080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 156, 148) }
```

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

```
.background{ background-color: rgb(151,  
156, 148) }
```

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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