

Converting Colors

XYZ(29.7323, 33.3034, 32.6723)

Have a look what the booklet for
XYZ(29.7323, 33.3034, 32.6723)
contains.

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Color

**XYZ(29.7702, 33.3907,
32.8930)**

Conversions

Conversions Part 1

Format	Color
Hex	92A094
RGB	146, 160, 148
RGB Percent	57%, 63%, 58%
CMY	0.4274, 0.3725, 0.4196
CMYK	0.09, 0.00, 0.08, 0.37
HSL	129°, 7%, 60%
HSV	129°, 9%, 63%
XYZ	29.7702, 33.3907, 32.8930
YIQ	154.4460, -4.4920, -6.7000

Conversions

Conversions Part 2

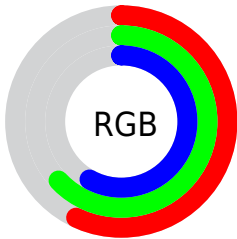
Format	Color
RYB	146, 158, 160
Decimal	9609364
CIELab	64.48, -7.32, 4.55
CIElCh	64, 8.620, 148.106
Yxy	33.3907, 0.3099, 0.3476
Android (android.graphics.Color)	4287799444 (0xFF92A094)
YUV	154.4460, -3.1779, -7.4071
Hunter-Lab	57.7847, -9.1615, 6.6994

Details

The XYZ color **29.7702, 33.3907, 32.8930** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.9489, 30.5009, 36.6055**, and the grayscale version is **30.9269, 32.5375, 35.4334**.

A 20% lighter version of the original color is **58.7805, 65.1445, 65.3532**, and **12.3456, 14.2332, 13.4059** is the 20% darker color. If you saturate the color by 10%, you get **26.1006, 31.6180, 27.3863**, and if you desaturate by 10%, it is **33.9685, 35.4230, 39.0973**.

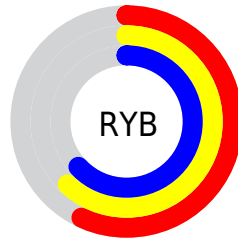
Distribution



Red (57%)

Green (63%)

Blue (58%)



Red (57%)

Yellow (62%)

Blue (63%)

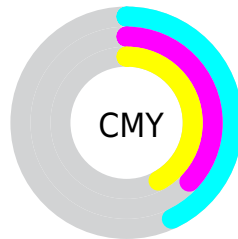


Cyan (9%)

Magenta (0%)

Yellow (8%)

Black (37%)



Cyan (43%)

Magenta (37%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7702, 33.3907, 32.8930 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 29.7702, 33.3907, 32.8930 by changing the saturation by 10% instead.

■ 29.7702, 33.3907,
32.8930

■ 29.7702, 33.3907,
32.8930

292.7609,
317.4066, 329.7845

■ 19.8114, 22.4259,
21.7740

■ 58.6877, 64.9850,
65.3225

■ 12.3655, 14.1702,
13.4942

■ 78.3771, 86.3834,
87.4702

■ 7.0671, 8.2391,
7.6350

102.0409,
112.0283, 114.1311

■ 3.5508, 4.2483,
3.7779

130.0442,
142.3043, 145.7239

■ 1.4513, 1.8134,
1.5043

162.7525,
177.5958, 182.6672

■ 0.2923, 0.4955,
0.2211

200.5312,

■ 0.0000, 0.0000,

218.2870, 225.3793

0.0000

243.7455,
264.7625, 274.2789

■ 29.7702, 33.3907,
32.8930

■ 29.7702, 33.3907,
32.8930

■ 26.1006, 31.6180,
27.3863

■ 33.9685, 35.4230,
39.0973

■ 22.9359, 30.0903,
22.5508

■ 38.7123, 37.7202,
46.0203

■ 20.2547, 28.7980,
18.3613

■ 44.0214, 40.2930,
53.6846

■ 18.0331, 27.7295,
14.7906

■ 49.9135, 43.1501,
62.1114

■ 16.2450, 26.8718,
11.8093

■ 56.4058, 46.2998,
71.3210

■ 14.8616, 26.2109,
9.3856

■ 63.5145, 49.7503,
81.3329

■ 13.8508, 25.7308,
7.4849

■ 70.1415, 52.9349,
92.1137

■ 13.1753, 25.4132,
6.0684

■ 71.8614, 53.6228,
101.1705

■ 12.7673, 25.2241,
5.0912

Harmonies

Analogous

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



30.6353, 33.3907, 30.7015



29.7702, 33.3907, 32.8930



29.4305, 33.3907, 36.1333

Triad

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



29.7702, 33.3907, 32.8930



31.6587, 33.3907, 43.5581



33.8699, 33.3907, 33.2572

Complementary

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



29.7702, 33.3907, 32.8930



30.9489, 30.5009, 36.6055

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.



34.1607, 33.3907, 36.5812



29.7702, 33.3907, 32.8930



32.8646, 33.3907, 42.6671

Square

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



29.7702, 33.3907, 32.8930



30.5032, 33.3907, 42.4184



33.7883, 33.3907, 40.0556



33.0034, 33.3907, 30.9020

Rectangle

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



29.7702, 33.3907, 32.8930



29.5408, 33.3907, 38.5035



33.7883, 33.3907, 40.0556



34.0392, 33.3907, 34.2914

Sweetspot

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



29.7711, 33.3921, 32.8937



58.2724, 62.6686, 65.9777



31.8873, 34.5012, 32.1734



12.6495, 13.6810, 14.2770



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



29.7711, 33.3921, 32.8937



52.3259, 59.7924, 57.1463



30.3312, 33.6161, 35.8428



6.5874, 7.4157, 7.2621



9.9223, 19.6369, 3.9478



0.1871, 0.3550, 0.1214

Inverse Universe

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



30.9489, 30.5009, 36.6055



55.0207, 53.1767, 65.6388



30.3739, 30.2709, 33.5779



6.8634, 6.7383, 8.1318



14.8310, 7.2370, 19.1590



0.2753, 0.1335, 0.3959

Previews

White Background



This preview shows how the XYZ color 29.7702, 33.3907, 32.8930 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 29.7702, 33.3907, 32.8930 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

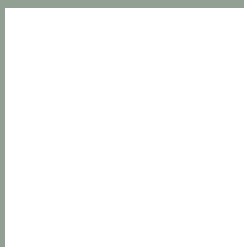
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.7702, 33.3907, 32.8930

Background



This preview shows how black text looks on a background with the XYZ color 29.7702, 33.3907, 32.8930.



This preview shows how white text looks on a background with the XYZ color 29.7702, 33.3907,

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

29.7702, 33.3907, 32.8930

Protanopia

31.7747, 33.4293, 31.9719

Deuteranopia

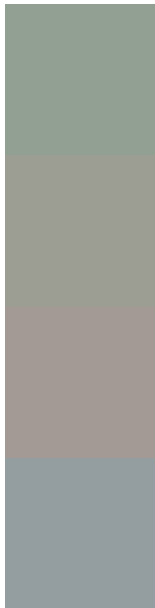
34.0272, 33.3339, 33.4948



Tritanopia

31.6128, 33.3681, 42.3106

Trichromacy



Original Color

29.7702, 33.3907, 32.8930

Protanomaly

31.0337, 33.2884, 32.3934

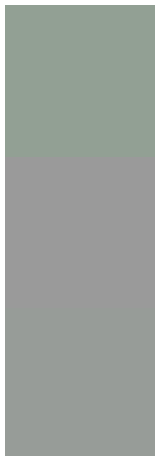
Deuteranomaly

32.2903, 33.1736, 33.1350

Tritanomaly

30.8726, 33.3228, 38.5230

Monochromacy



Original Color

29.7702, 33.3907, 32.8930

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.3185, 32.6232, 34.4047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7702, 33.3907, 32.8930 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(146, 160, 148) looks like.

```
.text, #text, p{  
    color:rgb(146, 160, 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(146, 160, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 160, 148) }
```

Border

The CSS property to change the border of an element to XYZ 29.7702, 33.3907, 32.8930 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(146, 160, 148) }
```


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

```
.border{ border-color:rgb(146, 160, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 160, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 160, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 160, 148);  
box-shadow:4px 4px 4px 4px rgb(146, 160,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7702, 33.3907, 32.8930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 160, 148) }
```

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

```
.background{ background-color: rgb(146,  
160, 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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