

Converting Colors

XYZ(30.2418, 33.2389, 32.6566)

Have a look what the booklet for
XYZ(30.2418, 33.2389, 32.6566)
contains.

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Color

**XYZ(30.1498, 33.0759,
32.8122)**

Conversions

Conversions Part 1

Format	Color
Hex	969E94
RGB	150, 158, 148
RGB Percent	59%, 62%, 58%
CMY	0.4118, 0.3804, 0.4196
CMYK	0.05, 0.00, 0.06, 0.38
HSL	108°, 5%, 60%
HSV	108°, 6%, 62%
XYZ	30.1498, 33.0759, 32.8122
YIQ	154.4680, -1.5580, -4.8060

Conversions

Conversions Part 2

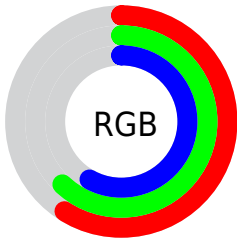
Format	Color
RYB	148, 158, 156
Decimal	9870996
CIELab	64.22, -4.79, 4.23
CIELCh	64, 6.387, 138.561
Yxy	33.0759, 0.3139, 0.3444
Android (android.graphics.Color)	4288061076 (0xFF969E94)
YUV	154.4680, -3.1887, -3.9184
Hunter-Lab	57.5117, -7.0689, 6.4314

Details

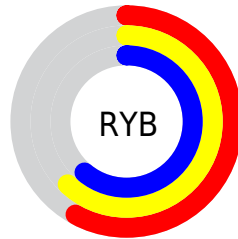
The XYZ color **30.1498, 33.0759, 32.8122** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4732, 30.7173, 36.6725**, and the grayscale version is **30.9358, 32.5468, 35.4435**.

A 20% lighter version of the original color is **59.3568, 64.6901, 65.2351**, and **12.5610, 14.0311, 13.3555** is the 20% darker color. If you saturate the color by 10%, you get **26.7816, 31.4752, 26.5657**, and if you desaturate by 10%, it is **33.9417, 34.8771, 39.9711**.

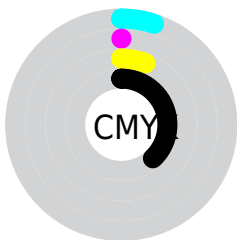
Distribution



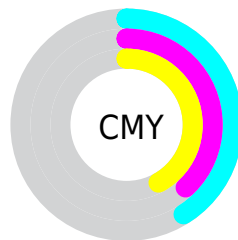
- Red (59%)
- Green (62%)
- Blue (58%)



- Red (58%)
- Yellow (62%)
- Blue (61%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (38%)



- Cyan (41%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1498, 33.0759, 32.8122 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 30.1498, 33.0759, 32.8122 by changing the saturation by 10% instead.

■ 30.1498, 33.0759,
32.8122

■ 30.1498, 33.0759,
32.8122

294.4994,
315.9916, 329.4087

■ 20.1010, 22.1846,
21.7127

■ 59.2840, 64.4940,
65.1948

■ 12.5771, 13.9926,
13.4496

■ 79.1001, 85.7896,
87.3150

■ 7.2130, 8.1155,
7.6045

102.9026,
111.3221, 113.9459

■ 3.6432, 4.1690,
3.7588

131.0569,
141.4758, 145.5059

■ 1.5023, 1.7685,
1.4940

163.9284,
176.6353, 182.4137

■ 0.3274, 0.4674,
0.2134

201.8824,

■ 0.0000, 0.0000,

217.1848, 225.0877

0.0000

245.2843,
263.5088, 273.9465

■ 30.1498, 33.0759,
32.8122

■ 30.1498, 33.0759,
32.8122

■ 26.7816, 31.4752,
26.5657

■ 33.9417, 34.8771,
39.9711

■ 23.8194, 30.0640,
21.1929

■ 38.1685, 36.8811,
48.0748

■ 21.2485, 28.8365,
16.6555

■ 42.8445, 39.0955,
57.1567

■ 19.0522, 27.7848,
12.9115

■ 47.9826, 41.5263,
67.2478

■ 17.2126, 26.9009,
9.9153

■ 53.5950, 44.1790,
78.3780

■ 15.7102, 26.1757,
7.6166

■ 59.6936, 47.0593,
90.5758

■ 14.5235, 25.5994,
5.9590

■ 65.7040, 49.9381,
100.7838

■ 13.6286, 25.1610,
4.8772

■ 70.1108, 52.2099,
100.9900

■ 12.9946, 24.8468,
4.2775

■ 71.5175, 52.9351,
101.0558

Harmonies

Analogous

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



30.8864, 33.0759, 31.4887



30.1498, 33.0759, 32.8122



29.7610, 33.0759, 35.0336

Triad

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



30.1498, 33.0759, 32.8122



31.0934, 33.0759, 41.1283



33.1181, 33.0759, 34.4493

Complementary

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



30.1498, 33.0759, 32.8122



30.4732, 30.7173, 36.6725

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.



33.1761, 33.0759, 37.0126



30.1498, 33.0759, 32.8122



31.9954, 33.0759, 40.9533

Square

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



30.1498, 33.0759, 32.8122



30.2988, 33.0759, 39.8848



32.7617, 33.0759, 39.4177



32.6047, 33.0759, 32.4021

Rectangle

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



30.1498, 33.0759, 32.8122



29.7464, 33.0759, 36.7617



32.7617, 33.0759, 39.4177



33.1918, 33.0759, 35.2765

Sweetspot

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



30.1507, 33.0773, 32.8129



57.6096, 61.4229, 64.9570



31.3358, 33.1857, 32.7714



13.0064, 13.8565, 14.6791



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.



30.1507, 33.0773, 32.8129



53.5773, 59.5075, 57.3924



30.0266, 32.9855, 34.0633



6.6685, 7.4617, 7.0745



10.2864, 19.8395, 3.2873



0.2134, 0.3699, 0.0602

Inverse Universe

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



30.4732, 30.7173, 36.6725



54.3226, 54.0524, 66.3135



30.6081, 30.8164, 35.3467



6.7742, 6.6876, 8.3405



11.9156, 5.5717, 26.3547



0.2434, 0.1153, 0.4726

Previews

White Background



This preview shows how the XYZ color 30.1498, 33.0759, 32.8122 looks on a white background.

Color Contrast Check

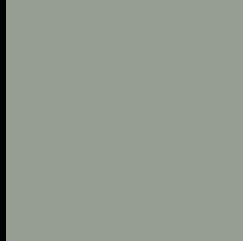
Large Text (above 18pt) WCAG AA × Fail

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 30.1498, 33.0759, 32.8122 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

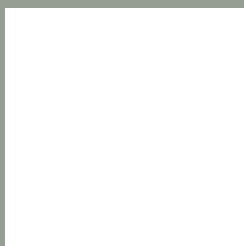
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1498, 33.0759, 32.8122

Background



This preview shows how black text looks on a background with the XYZ color 30.1498, 33.0759, 32.8122.



This preview shows how white text looks on a background with the XYZ color 30.1498, 33.0759,

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

30.1498, 33.0759, 32.8122

Protanopia

31.4069, 32.9916, 31.9068

Deuteranopia

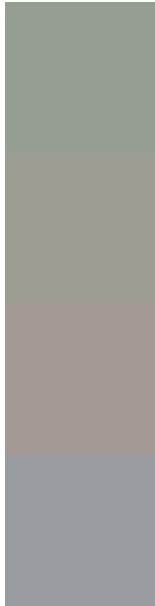
33.6449, 32.8989, 33.4310



Tritanopia

31.8333, 33.0050, 41.2520

Trichromacy



Original Color

30.1498, 33.0759, 32.8122

Protanomaly

30.8652, 32.9514, 32.3373

Deuteranomaly

32.3331, 32.9517, 33.0900

Tritanomaly

31.1825, 32.9904, 37.9820

Monochromacy



Original Color

30.1498, 33.0759, 32.8122

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 30.1498, 33.0759, 32.8122 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(150, 158, 148)` looks like.

```
.text, #text, p{  
    color:rgb(150, 158, 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(150, 158, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 158, 148) }
```

Border

The CSS property to change the border of an element to XYZ 30.1498, 33.0759, 32.8122 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(150, 158, 148) }
```


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

```
.border{ border-color:rgb(150, 158, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 158, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 158, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 158, 148);  
box-shadow:4px 4px 4px 4px rgb(150, 158,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1498, 33.0759, 32.8122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 158, 148) }
```

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

```
.background{ background-color: rgb(150,  
158, 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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