

Converting Colors

XYZ(33.1082, 32.1525, 33.3152)

Have a look what the booklet for
XYZ(33.1082, 32.1525, 33.3152)
contains.

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Color

**XYZ(33.1082, 32.1525,
33.3152)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9496
RGB	172, 148, 150
RGB Percent	67%, 58%, 59%
CMY	0.3255, 0.4196, 0.4118
CMYK	0.00, 0.14, 0.13, 0.33
HSL	355°, 13%, 63%
HSV	355°, 14%, 67%
XYZ	33.1082, 32.1525, 33.3152
YIQ	155.4040, 13.6620, 5.7100

Conversions

Conversions Part 2

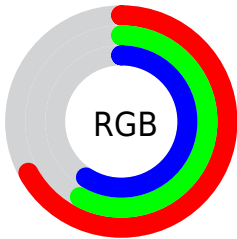
Format	Color
RYB	172, 148, 150
Decimal	11310230
CIELab	63.47, 9.27, 2.25
CIELCh	63, 9.536, 13.622
Yxy	32.1525, 0.3359, 0.3262
Android (android.graphics.Color)	4289500310 (0xFFAC9496)
YUV	155.4040, -2.6642, 14.5547
Hunter-Lab	56.7032, 4.9931, 4.8572

Details

The XYZ color **33.1082, 32.1525, 33.3152** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.2223, 38.7041, 43.6991**, and the grayscale version is **31.3427, 32.9750, 35.9097**.

A 20% lighter version of the original color is **64.0145, 63.0947, 65.9313**, and **14.1346, 13.3722, 13.6405** is the 20% darker color. If you saturate the color by 10%, you get **29.4227, 26.6785, 26.2380**, and if you desaturate by 10%, it is **37.3673, 38.4995, 41.4275**.

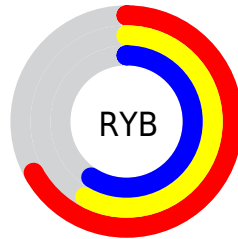
Distribution



Red (67%)

Green (58%)

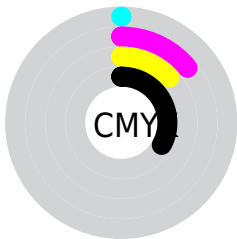
Blue (59%)



Red (67%)

Yellow (58%)

Blue (59%)

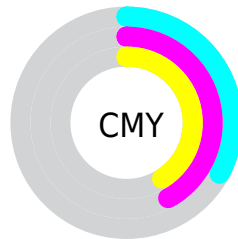


Cyan (0%)

Magenta (14%)

Yellow (13%)

Black (33%)



Cyan (33%)

Magenta (42%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1082, 32.1525, 33.3152 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 33.1082, 32.1525, 33.3152 by changing the saturation by 10% instead.

■ 33.1082, 32.1525,
33.3152

■ 33.1082, 32.1525,
33.3152

307.7934,
311.8134, 331.7431

■ 22.3690, 21.4780,
22.0949

■ 63.8980, 63.0501,
65.9890

■ 14.2464, 13.4739,
13.7277

■ 84.6792, 84.0420,
88.2796

■ 8.3751, 7.7556,
7.7949

109.5385,
109.2418, 115.0974

■ 4.3897, 3.9390,
3.8781

138.8413,
139.0339, 146.8609

■ 1.9249, 1.6395,
1.5587

172.9527,
173.8027, 183.9887

■ 0.5912, 0.3840,
0.2611

212.2384,

■ 0.0000, 0.0000,

213.9326, 226.8993

0.0000

257.0635,
259.8080, 276.0113

■ 33.1082, 32.1525,
33.3152

■ 33.1082, 32.1525,
33.3152

■ 29.4227, 26.6785,
26.2380

■ 37.3673, 38.4995,
41.4275

■ 26.2838, 22.0353,
20.1522

■ 42.2202, 45.7509,
50.6120

■ 23.6661, 18.1836,
15.0141

■ 47.6895, 53.9417,
60.9066

■ 21.5414, 15.0791,
10.7761

■ 53.7959, 63.1037,
72.3466

■ 19.8786, 12.6734,
7.3861

■ 60.5588, 73.2675,
84.9658

■ 18.6433, 10.9121,
4.7870

■ 67.9972, 84.4621,
98.7967

■ 17.7959, 9.7332,
2.9144

■ 70.8234, 87.5107,
107.7662

■ 17.2897, 9.0619,
1.6939

■ 17.0948, 8.8033,
1.2249

Harmonies

Analogous

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



33.0747, 32.1525, 37.1105



33.1082, 32.1525, 33.3152



32.4451, 32.1525, 30.2040

Triad

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



33.1082, 32.1525, 33.3152



28.8328, 32.1525, 29.9793



29.8459, 32.1525, 42.5002

Complementary

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



33.1082, 32.1525, 33.3152



34.2223, 38.7041, 43.6991

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.



28.7493, 32.1525, 40.2974



33.1082, 32.1525, 33.3152



28.1761, 32.1525, 32.9877

Square

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



33.1082, 32.1525, 33.3152



29.9628, 32.1525, 28.3743



28.1460, 32.1525, 36.7584



31.1650, 32.1525, 42.6039

Rectangle

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



33.1082, 32.1525, 33.3152



31.7080, 32.1525, 28.8599



28.1460, 32.1525, 36.7584



29.4400, 32.1525, 41.9739

Sweetspot

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



33.1091, 32.1539, 33.3159



67.6899, 69.6951, 74.9665



34.6148, 32.7059, 43.5186



14.5795, 14.9507, 16.0429



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



33.1091, 32.1539, 33.3159



57.7083, 54.8280, 55.9284



34.5864, 35.3637, 33.0217



8.0313, 8.0258, 8.4756



12.7302, 6.5546, 0.9589



0.3627, 0.1858, 0.0716

Inverse Universe

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



33.1091, 32.1539, 33.3159



57.7083, 54.8280, 55.9284



32.5807, 35.1163, 44.0910



8.0313, 8.0258, 8.4756



12.7302, 6.5546, 0.9589



0.3627, 0.1858, 0.0716

Previews

White Background



This preview shows how the XYZ color 33.1082, 32.1525, 33.3152 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 33.1082, 32.1525, 33.3152 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 33.1082, 32.1525, 33.3152

Background



This preview shows how black text looks on a background with the XYZ color 33.1082, 32.1525, 33.3152.



This preview shows how white text looks on a background with the XYZ color 33.1082, 32.1525,

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

33.1082, 32.1525, 33.3152

Protanopia

31.0456, 32.2505, 34.7257

Deuteranopia

32.8300, 32.2429, 33.3473



Tritanopia

33.8389, 32.2203, 36.7834

Trichromacy



Original Color

33.1082, 32.1525, 33.3152

Protanomaly

31.6344, 32.0816, 34.2308

Deuteranomaly

33.0471, 32.3548, 33.3575

Tritanomaly

33.5837, 32.1182, 35.4397

Monochromacy



Original Color

33.1082, 32.1525, 33.3152

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.6759, 32.3334, 34.7085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1082, 32.1525, 33.3152 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(172, 148, 150)` looks like.

```
.text, #text, p{  
    color:rgb(172, 148, 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(172, 148, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 148, 150) }
```

Border

The CSS property to change the border of an element to XYZ 33.1082, 32.1525, 33.3152 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(172, 148, 150) }
```


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

```
.border{ border-color:rgb(172, 148, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 148, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 148, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 148, 150);  
box-shadow:4px 4px 4px 4px rgb(172, 148,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1082, 32.1525, 33.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 148, 150) }
```

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

```
.background{ background-color: rgb(172,  
148, 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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