

Converting Colors

XYZ(33.0644, 33.0629, 33.0732)

Have a look what the booklet for
XYZ(33.0644, 33.0629, 33.0732)
contains.

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Color

**XYZ(33.0152, 33.0614,
33.0752)**

Conversions

Conversions Part 1

Format	Color
Hex	A99895
RGB	169, 152, 149
RGB Percent	66%, 60%, 58%
CMY	0.3373, 0.4039, 0.4157
CMYK	0.00, 0.10, 0.12, 0.34
HSL	9°, 10%, 62%
HSV	9°, 12%, 66%
XYZ	33.0152, 33.0614, 33.0752
YIQ	156.7410, 11.0950, 2.6710

Conversions

Conversions Part 2

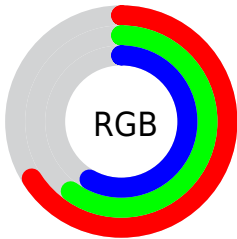
Format	Color
R _Y B	169, 153, 149
Decimal	11114645
CIE Lab	64.21, 5.74, 3.85
CIE LCh	64, 6.911, 33.845
Yxy	33.0614, 0.3330, 0.3334
Android (android.graphics.Color)	4289304725 (0xFFA99895)
YUV	156.7410, -3.8163, 10.7511
Hunter-Lab	57.4990, 1.8690, 6.1439

Details

The XYZ color **33.0152, 33.0614, 33.0752** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.1919, 36.5258, 42.8371**, and the grayscale version is **31.9453, 33.6089, 36.6001**.

A 20% lighter version of the original color is **63.5913, 64.3017, 65.5598**, and **14.1944, 13.9711, 13.5038** is the 20% darker color. If you saturate the color by 10%, you get **29.5712, 28.1781, 25.7464**, and if you desaturate by 10%, it is **36.9391, 38.5905, 41.5307**.

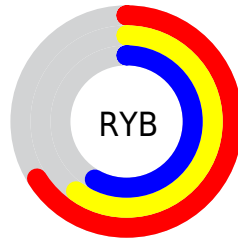
Distribution



Red (66%)

Green (60%)

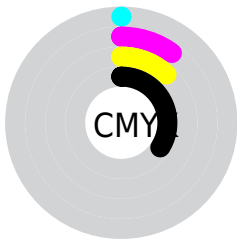
Blue (58%)



Red (66%)

Yellow (60%)

Blue (58%)

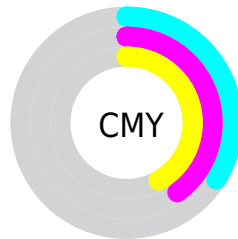


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (34%)



Cyan (34%)


Magenta (40%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0152, 33.0614, 33.0752 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 33.0152, 33.0614, 33.0752 by changing the saturation by 10% instead.


 33.0152, 33.0614,
33.0752


 33.0152, 33.0614,
33.0752

307.3820,
315.9263, 330.6308

 22.2974, 22.1735,
21.9125


 63.7538, 64.4714,
65.6103

 14.1934, 13.9844,
13.5949


 84.5052, 85.7622,
87.8197

 8.3379, 8.1098,
7.7039


109.3320,
111.2895, 114.5485

 4.3655, 4.1653,
3.8210

138.5993,
141.4376, 146.2151

 1.9109, 1.7665,
1.5277

172.6726,
176.5910, 183.2381

 0.5832, 0.4661,
0.2384

211.9173,

 0.0000, 0.0000,

217.1339, 226.0360

0.0000

256.6986,
263.4509, 275.0274

■ 33.0152, 33.0614,
33.0752

■ 33.0152, 33.0614,
33.0752

■ 29.5712, 28.1781,
25.7464

■ 36.9391, 38.5905,
41.5307

■ 26.5861, 23.9128,
19.4948

■ 41.3577, 44.7834,
51.1557

■ 24.0409, 20.2422,
14.2700

■ 46.2883, 51.6625,
61.9930

■ 21.9148, 17.1396,
10.0169

■ 51.7469, 59.2481,
74.0828

■ 20.1848, 14.5764,
6.6752

■ 57.7483, 67.5596,
87.4635

■ 18.8259, 12.5217,
4.1780

■ 64.3073, 76.6156,
102.1718

■ 17.8100, 10.9411,
2.4489

■ 69.3929, 85.6163,
107.4759

■ 17.1050, 9.7959,
1.3977

■ 70.1723, 87.1751,
107.7357

■ 16.7180, 9.1465,
0.8843

Harmonies

Analogous

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



33.3419, 33.0614, 35.6375



33.0152, 33.0614, 33.0752



32.2619, 33.0614, 31.3678

Triad

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



33.0152, 33.0614, 33.0752



29.7625, 33.0614, 33.6712



31.5504, 33.0614, 41.6563

Complementary

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



33.0152, 33.0614, 33.0752



33.1919, 36.5258, 42.8371

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.



30.6005, 33.0614, 41.0633



33.0152, 33.0614, 33.0752



29.5808, 33.0614, 36.3614

Square

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



33.0152, 33.0614, 33.0752



30.3859, 33.0614, 31.6991



29.8845, 33.0614, 39.0886



32.4852, 33.0614, 40.6695

Rectangle

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



33.0152, 33.0614, 33.0752



31.6264, 33.0614, 30.8944



29.8845, 33.0614, 39.0886



31.2222, 33.0614, 41.6354

Sweetspot

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



33.0161, 33.0629, 33.0759



64.5073, 66.7957, 70.8112



33.9929, 32.6835, 40.5936



13.9448, 14.3967, 15.1852



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



33.0161, 33.0629, 33.0759



57.5615, 56.9953, 55.8830



34.7077, 36.4460, 33.6398



7.6187, 7.7174, 7.8773



12.4856, 6.8684, 0.6677



0.3299, 0.2194, 0.0250

Inverse Universe

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



33.1919, 36.5258, 42.8371



57.9340, 64.3409, 76.5907



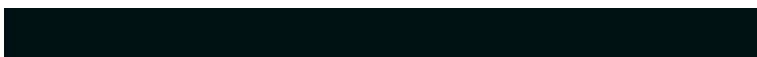
31.4447, 33.0315, 42.2548



7.6502, 8.3373, 9.6244



12.7589, 16.9780, 30.5801



0.3356, 0.4634, 0.7524

Previews

White Background



This preview shows how the XYZ color 33.0152, 33.0614, 33.0752 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 33.0152, 33.0614, 33.0752 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 33.0152, 33.0614, 33.0752

Background



This preview shows how black text looks on a background with the XYZ color 33.0152, 33.0614, 33.0752.



This preview shows how white text looks on a background with the XYZ color 33.0152, 33.0614,

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

33.0152, 33.0614, 33.0752

Protanopia

31.8045, 33.1506, 34.0006

Deuteranopia

33.5647, 32.8669, 33.0087



Tritanopia

34.2225, 33.0793, 38.7636

Trichromacy



Original Color

33.0152, 33.0614, 33.0752

Protanomaly

32.1649, 33.0997, 33.5478

Deuteranomaly

33.5047, 33.0738, 33.0518

Tritanomaly

33.7300, 33.1136, 36.5121

Monochromacy



Original Color

33.0152, 33.0614, 33.0752

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.2520, 33.3529, 35.3097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0152, 33.0614, 33.0752 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(169, 152, 149)` looks like.

```
.text, #text, p{  
    color:rgb(169, 152, 149)  
}
```

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(169, 152, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 152, 149) }
```

Border

The CSS property to change the border of an element to XYZ 33.0152, 33.0614, 33.0752 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(169, 152, 149) }
```


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

```
.border{ border-color:rgb(169, 152, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 152, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 152, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 152, 149); box-shadow:4px 4px 4px 4px rgb(169, 152, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0152, 33.0614, 33.0752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 152, 149) }
```

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

```
.background{ background-color: rgb(169,  
152, 149) }
```

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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