

Converting Colors

XYZ(32.6299, 33.1683, 41.2413)

Have a look what the booklet for
XYZ(32.6299, 33.1683, 41.2413)
contains.

XYZ(32.6312, 33.1703, 41.2419)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.6312, 33.1703,
41.2419)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9AA7
RGB	158, 154, 167
RGB Percent	62%, 60%, 65%
CMY	0.3804, 0.3961, 0.3451
CMYK	0.05, 0.08, 0.00, 0.35
HSL	258°, 7%, 63%
HSV	258°, 8%, 65%
XYZ	32.6312, 33.1703, 41.2419
YIQ	156.6780, -1.7890, 4.8910

Conversions

Conversions Part 2

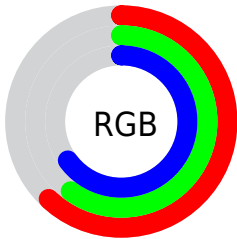
Format	Color
R_{YB}	158, 154, 167
Decimal	10394279
CIE Lab	64.30, 3.99, -6.26
CIE LCh	64, 7.426, 302.528
Yxy	33.1703, 0.3048, 0.3099
Android (android.graphics.Color)	4288584359 (0xFF9E9AA7)
YUV	156.6780, 5.0887, 1.1594
Hunter-Lab	57.5937, 0.3449, -2.1411

Details


The XYZ color **32.6312, 33.1703, 41.2419** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.7569, 37.7579, 36.0296**, and the grayscale version is **31.8825, 33.5428, 36.5281**.

A 20% lighter version of the original color is **63.1813, 64.5318, 78.2331**, and **14.0082, 14.0641, 18.1960** is the 20% darker color. If you saturate the color by 10%, you get **27.8961, 26.9190, 40.2854**, and if you desaturate by 10%, it is **37.9658, 40.3017, 42.3377**.

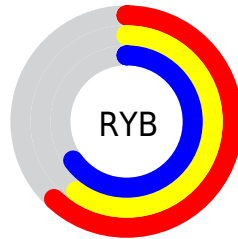
Distribution



 Red (62%)

 Green (60%)

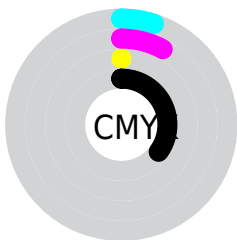
 Blue (65%)




 Red (62%)

 Yellow (60%)

 Blue (65%)

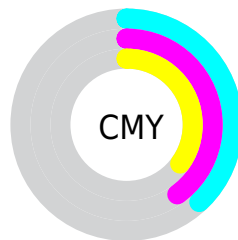



 Cyan (5%)

 Magenta (8%)

 Yellow (0%)

 Black (35%)



 Cyan (38%)

 Magenta (40%)

 Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6312, 33.1703, 41.2419 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 32.6312, 33.1703, 41.2419 by changing the saturation by 10% instead.

■ 32.6312, 33.1703,
41.2419

■ 32.6312, 33.1703,
41.2419

305.6791,
316.4164, 367.0372

■ 22.0020, 22.2569,
28.1870

■ 63.1579, 64.6413,
78.3086

■ 13.9749, 14.0458,
18.2264

■ 83.7860, 85.9678,
103.1576

■ 8.1848, 8.1525,
10.9415

108.4777,
111.5340, 132.7749

■ 4.2662, 4.1927,
5.9139

137.5985,
141.7245, 167.5793

■ 1.8538, 1.7819,
2.7248

171.5137,
176.9236, 207.9891

■ 0.5498, 0.4759,
0.9559

210.5886,

■ 0.0000, 0.0000,

217.5157, 254.4230

0.0000

255.1886,
263.8851, 307.2995

■ 32.6312, 33.1703,
41.2419

■ 32.6312, 33.1703,
41.2419

■ 27.8961, 26.9190,
40.2854

■ 37.9658, 40.3017,
42.3377

■ 23.7359, 21.5091,
39.4604

■ 43.9175, 48.3416,
43.5759

■ 20.1286, 16.9051,
38.7619

■ 50.5067, 57.3223,
44.9621

■ 17.0497, 13.0676,
38.1834

■ 57.7519, 67.2731,
46.5009

■ 14.4727, 9.9534,
37.7181

■ 65.6711, 78.2223,
48.1969

■ 12.3686, 7.5152,
37.3584

■ 74.2814, 90.1967,
50.0544

■ 10.7050, 5.6997,
37.0957

■ 78.3138, 92.6515,
50.3157

■ 9.4452, 4.4454,
36.9200

■ 82.3426, 94.7285,
50.5043

■ 8.5328, 3.6527,
36.8151

■ 83.9752, 95.5701,
50.5807

Harmonies

Analogous

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



31.6170, 33.1703, 42.2397



32.6312, 33.1703, 41.2419



33.3624, 33.1703, 38.8648

Triad

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



32.6312, 33.1703, 41.2419



32.4728, 33.1703, 31.2019



29.5432, 33.1703, 36.3738

Complementary

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



32.6312, 33.1703, 41.2419



34.7569, 37.7579, 36.0296

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.



29.7609, 33.1703, 33.5015



32.6312, 33.1703, 41.2419



31.4380, 33.1703, 30.6162

Square

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



32.6312, 33.1703, 41.2419



33.2695, 33.1703, 33.0810



30.4487, 33.1703, 31.4350



29.8472, 33.1703, 39.3329

Rectangle

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



32.6312, 33.1703, 41.2419



33.5826, 33.1703, 36.8779



30.4487, 33.1703, 31.4350



29.5578, 33.1703, 35.3663

Sweetspot

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



32.6322, 33.1717, 41.2426



63.7974, 66.5498, 74.9582



33.4176, 35.8910, 41.7261



14.3013, 14.9255, 16.7793



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.



32.6322, 33.1717, 41.2426



57.2079, 57.7701, 73.6108



33.9242, 33.8378, 41.3031



7.3408, 7.4083, 9.4614



6.4413, 2.7040, 28.1579



0.2084, 0.0924, 0.6875

Inverse Universe

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



34.1040, 33.9725, 39.4118



60.2889, 59.4468, 69.7607



33.4793, 37.0993, 35.9698



7.7422, 7.6267, 8.9595



14.6133, 7.2540, 13.3072



0.3768, 0.1850, 0.4358

Previews

White Background



This preview shows how the XYZ color 32.6312, 33.1703, 41.2419 looks on a white background.

Color Contrast Check

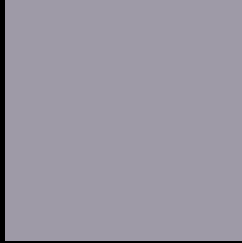
Large Text (above 18pt) WCAG AA × Fail

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 32.6312, 33.1703, 41.2419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

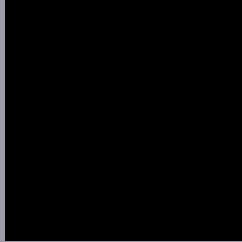
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6312, 33.1703, 41.2419

Background



This preview shows how black text looks on a background with the XYZ color 32.6312, 33.1703, 41.2419.

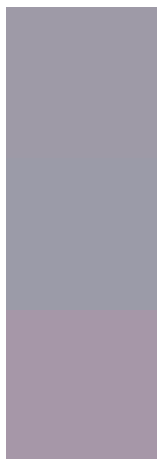


This preview shows how white text looks on a background with the XYZ color 32.6312, 33.1703,

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

32.6312, 33.1703, 41.2419

Protanopia

32.3068, 33.2384, 41.7587

Deuteranopia

33.8604, 33.0674, 41.6438



Tritanopia

32.5391, 33.1335, 40.7568

Trichromacy



Original Color

32.6312, 33.1703, 41.2419

Protanomaly

32.4995, 33.3378, 41.7677

Deuteranomaly

33.4004, 33.0702, 41.6686

Tritanomaly

32.5391, 33.1335, 40.7568

Monochromacy



Original Color

32.6312, 33.1703, 41.2419

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.2261, 33.5182, 38.4894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6312, 33.1703, 41.2419 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(158, 154, 167) looks like.

```
.text, #text, p{  
    color:rgb(158, 154, 167)  
}
```

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(158, 154, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 154, 167) }
```

Border

The CSS property to change the border of an element to XYZ 32.6312, 33.1703, 41.2419 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(158, 154, 167) }
```


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

```
.border{ border-color:rgb(158, 154, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 154, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 154, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 154, 167);  
box-shadow:4px 4px 4px 4px rgb(158, 154,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6312, 33.1703, 41.2419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 154, 167) }
```

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

```
.background{ background-color: rgb(158,  
154, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor