

Converting Colors

XYZ(33.0391, 32.1364, 32.4814)

Have a look what the booklet for
XYZ(33.0391, 32.1364, 32.4814)
contains.

XYZ(32.9485, 32.0886, 32.4741)	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(32.9485, 32.0886,
32.4741)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9494
RGB	172, 148, 148
RGB Percent	67%, 58%, 58%
CMY	0.3255, 0.4196, 0.4196
CMYK	0.00, 0.14, 0.14, 0.33
HSL	0°, 13%, 63%
HSV	0°, 14%, 67%
XYZ	32.9485, 32.0886, 32.4741
YIQ	155.1760, 14.3040, 5.0880

Conversions

Conversions Part 2

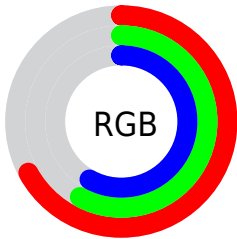
Format	Color
RYB	172, 148, 148
Decimal	11310228
CIELab	63.42, 8.93, 3.30
CIELCh	63, 9.518, 20.278
Yxy	32.0886, 0.3379, 0.3291
Android (android.graphics.Color)	4289500308 (0xFFAC9494)
YUV	155.1760, -3.5378, 14.7546
Hunter-Lab	56.6468, 4.6923, 5.6634

Details

The XYZ color **32.9485, 32.0886, 32.4741** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4115, 38.7788, 44.7015**, and the grayscale version is **31.2451, 32.8723, 35.7979**.

A 20% lighter version of the original color is **63.7761, 62.9993, 64.6758**, and **14.0401, 13.3344, 13.1431** is the 20% darker color. If you saturate the color by 10%, you get **29.1870, 26.5847, 24.9951**, and if you desaturate by 10%, it is **37.3149, 38.4779, 41.1536**.

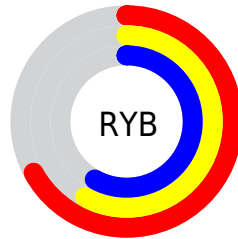
Distribution



Red (67%)

Green (58%)

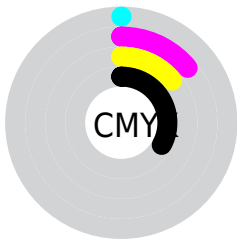
Blue (58%)



Red (67%)

Yellow (58%)

Blue (58%)

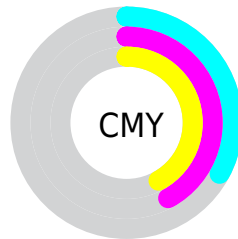


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (33%)



Cyan (33%)


Magenta (42%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9485, 32.0886, 32.4741 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 32.9485, 32.0886, 32.4741 by changing the saturation by 10% instead.


 32.9485, 32.0886,
32.4741


 32.9485, 32.0886,
32.4741


307.0867,
311.5227, 327.8323

 22.2460, 21.4292,
21.4561


 63.6503, 62.9500,
64.6601

 14.1554, 13.4381,
13.2633


 84.3804, 83.9207,
86.6652

 8.3113, 7.7309,
7.4772


109.1838,
109.0973, 113.1697

 4.3482, 3.9232,
3.6794

138.4257,
138.8642, 144.5921

 1.9010, 1.6307,
1.4512

172.4716,
173.6058, 181.3511

 0.5774, 0.3782,
0.1811

211.6869,

 0.0000, 0.0000,

213.7065, 223.8650

0.0000

256.4368,
259.5506, 272.5526

■ 32.9485, 32.0886,
32.4741

■ 32.9485, 32.0886,
32.4741

■ 29.1870, 26.5847,
24.9951

■ 37.3149, 38.4779,
41.1536

■ 26.0013, 21.9231,
18.6619

■ 42.3084, 45.7847,
51.0811

■ 23.3637, 18.0636,
13.4185

■ 47.9534, 54.0447,
62.3038

■ 21.2434, 14.9609,
9.2036

■ 54.2722, 63.2905,
74.8661

■ 19.6064, 12.5655,
5.9495

■ 61.2859, 73.5532,
88.8101

■ 18.4147, 10.8215,
3.5807

■ 69.0147, 84.8623,
104.1761

■ 17.6246, 9.6653,
2.0104

■ 70.8234, 87.5108,
107.7662

■ 17.1836, 9.0198,
1.1340

■ 17.0137, 8.7712,
0.7963

Harmonies

Analogous

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



33.0762, 32.0886, 36.1839



32.9485, 32.0886, 32.4741



32.1542, 32.0886, 29.6291

Triad

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



32.9485, 32.0886, 32.4741



28.5840, 32.0886, 30.4865



30.0717, 32.0886, 42.6239

Complementary

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



32.9485, 32.0886, 32.4741



34.4115, 38.7788, 44.7015

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.



28.9021, 32.0886, 40.8483



32.9485, 32.0886, 32.4741



28.0597, 32.0886, 33.7230

Square

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



32.9485, 32.0886, 32.4741



29.6260, 32.0886, 28.5403



28.1745, 32.0886, 37.5256



31.3895, 32.0886, 42.2290

Rectangle

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



32.9485, 32.0886, 32.4741



31.3659, 32.0886, 28.5192



28.1745, 32.0886, 37.5256



29.6488, 32.0886, 42.2565

Sweetspot

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



32.9494, 32.0900, 32.4748



67.5938, 69.6571, 74.4586



35.0500, 32.9295, 43.5389



14.5550, 14.9411, 15.9139



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.



32.9494, 32.0900, 32.4748



57.3675, 54.6934, 54.1282



34.9298, 36.0508, 33.1349



8.0054, 8.0155, 8.3386



12.6609, 6.5272, 0.5926



0.3522, 0.1816, 0.0165

Inverse Universe

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



34.4115, 38.7788, 44.7015



60.5818, 69.3981, 81.0079



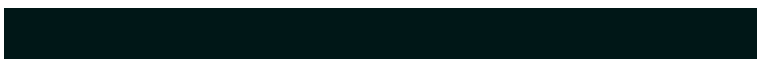
32.2304, 34.4165, 43.9745



8.2363, 9.0719, 10.2697



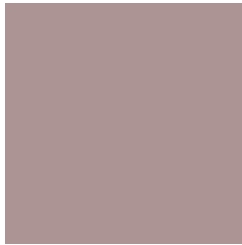
16.5165, 24.1668, 32.8387



0.4595, 0.6723, 0.9135

Previews

White Background



This preview shows how the XYZ color 32.9485, 32.0886, 32.4741 looks on a white background.

Color Contrast Check

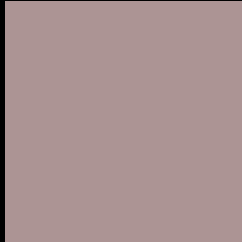
Large Text (above 18pt) WCAG AA × Fail

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 32.9485, 32.0886, 32.4741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

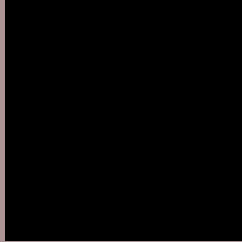
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.9485, 32.0886, 32.4741

Background



This preview shows how black text looks on a background with the XYZ color 32.9485, 32.0886, 32.4741.



This preview shows how white text looks on a background with the XYZ color 32.9485, 32.0886,

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

32.9485, 32.0886, 32.4741

Protanopia

30.8818, 32.1849, 33.8628

Deuteranopia

32.8873, 32.2909, 32.5164



Tritanopia

33.6840, 31.9106, 36.7318

Trichromacy



Original Color

32.9485, 32.0886, 32.4741

Protanomaly

31.4719, 32.0166, 33.3752

Deuteranomaly

32.8873, 32.2909, 32.5164

Tritanomaly

33.5000, 32.0848, 34.9992

Monochromacy



Original Color

32.9485, 32.0886, 32.4741

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.5937, 32.3005, 34.2752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9485, 32.0886, 32.4741 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, 148)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 32.9485, 32.0886, 32.4741 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, 148) }
```


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

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

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, 148)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 32.9485, 32.0886, 32.4741 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, 148) }
```

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

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

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