

Converting Colors

XYZ(32.7368, 32.5686, 31.1449)

Have a look what the booklet for
XYZ(32.7368, 32.5686, 31.1449)
contains.

XYZ(32.7350, 32.4842, 30.9303)	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(32.7350, 32.4842,
30.9303)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9690
RGB	171, 150, 144
RGB Percent	67%, 59%, 56%
CMY	0.3294, 0.4117, 0.4353
CMYK	0.00, 0.12, 0.16, 0.33
HSL	13°, 14%, 62%
HSV	13°, 16%, 67%
XYZ	32.7350, 32.4842, 30.9303
YIQ	155.5950, 14.4420, 2.5860

Conversions

Conversions Part 2

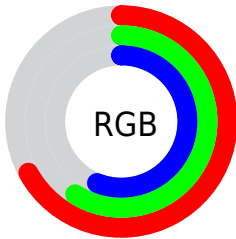
Format	Color
RYB	171, 152, 144
Decimal	11245200
CIELab	63.74, 6.77, 6.01
CIElCh	64, 9.051, 41.615
Yxy	32.4842, 0.3405, 0.3379
Android (android.graphics.Color)	4289435280 (0xFFAB9690)
YUV	155.5950, -5.7163, 13.5102
Hunter-Lab	56.9949, 2.7803, 7.7206

Details

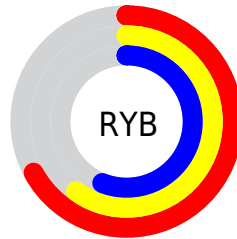
The XYZ color **32.7350, 32.4842, 30.9303** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3073, 35.7792, 43.7318**, and the grayscale version is **31.4404, 33.0778, 36.0217**.

A 20% lighter version of the original color is **63.4645, 63.5938, 62.3560**, and **14.0900, 13.6538, 12.4825** is the 20% darker color. If you saturate the color by 10%, you get **29.5230, 27.9956, 23.8925**, and if you desaturate by 10%, it is **36.3876, 37.5366, 39.0925**.

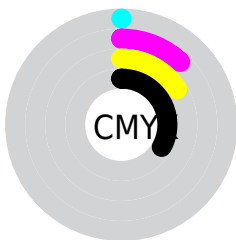
Distribution



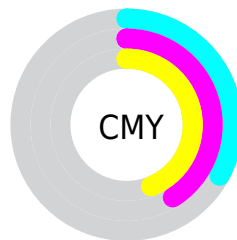
- Red (67%)
- Green (59%)
- Blue (56%)



- Red (67%)
- Yellow (60%)
- Blue (56%)



- Cyan (0%)
- Magenta (12%)
- Yellow (16%)
- Black (33%)





- Cyan (33%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7350, 32.4842, 30.9303 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 32.7350, 32.4842, 30.9303 by changing the saturation by 10% instead.


 32.7350, 32.4842,
30.9303


 32.7350, 32.4842,
30.9303


306.1401,
313.3191, 320.5583

 22.0818, 21.7316,
20.2878


 63.3190, 63.5694,
62.2086

 14.0339, 13.6598,
12.4182


 83.9805, 84.6708,
83.6815

 8.2261, 7.8844,
6.9032


108.7089,
109.9906, 109.6015

 4.2930, 4.0211,
3.3241

137.8694,
139.9131, 140.3873

 1.8692, 1.6854,
1.2624

171.8274,
174.8229, 176.4573

 0.5588, 0.4142,
0.0307

210.9483,

 0.0000, 0.0000,

215.1042, 218.2301

0.0000

255.5974,
261.1414, 266.1243

■ 32.7350, 32.4842,
30.9303

■ 32.7350, 32.4842,
30.9303

■ 29.5230, 27.9956,
23.8925

■ 36.3876, 37.5366,
39.0925

■ 26.7321, 24.0468,
17.9276

■ 40.4942, 43.1671,
48.4233

■ 24.3451, 20.6185,
12.9832

■ 45.0707, 49.3948,
58.9673

■ 22.3427, 17.6888,
9.0016

■ 50.1316, 56.2366,
70.7657

■ 20.7040, 15.2340,
5.9193

■ 55.6906, 63.7089,
83.8583

■ 19.4057, 13.2282,
3.6652

■ 61.7611, 71.8274,
98.2826

■ 18.4218, 11.6433,
2.1571

■ 66.9227, 80.0339,
106.5286

■ 17.7208, 10.4469,
1.2892

■ 70.6048, 87.3980,
107.7560

■ 17.4885, 10.0455,
1.0172

Harmonies

Analogous

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



33.3267, 32.4842, 33.9819



32.7350, 32.4842, 30.9303



31.6510, 32.4842, 29.1462

Triad

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



32.7350, 32.4842, 30.9303



28.6179, 32.4842, 33.2119



31.3690, 32.4842, 42.6632

Complementary

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



32.7350, 32.4842, 30.9303



32.3073, 35.7792, 43.7318

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.



30.1123, 32.4842, 42.4217



32.7350, 32.4842, 30.9303



28.5471, 32.4842, 36.7950

Square

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



32.7350, 32.4842, 30.9303



29.2835, 32.4842, 30.3999



29.0873, 32.4842, 40.2149



32.5237, 32.4842, 40.8537

Rectangle

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



32.7350, 32.4842, 30.9303



30.8066, 32.4842, 28.8363



29.0873, 32.4842, 40.2149



30.9441, 32.4842, 42.8223

Sweetspot

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



32.7359, 32.4857, 30.9310



65.6563, 67.8980, 71.1139



33.5735, 31.3270, 39.9466



14.5355, 14.9955, 15.6194



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.



32.7359, 32.4857, 30.9310



56.4985, 55.2143, 50.6988



34.9885, 36.9909, 31.6819



8.1443, 8.2934, 8.3849



13.2171, 7.6397, 0.7780



0.4076, 0.2923, 0.0349

Inverse Universe

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



32.3073, 35.7792, 43.7318



55.5802, 62.2595, 78.0898



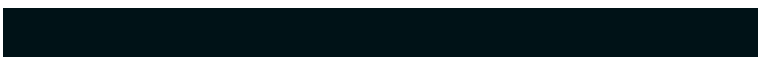
30.0242, 31.2131, 42.9708



8.0830, 8.7654, 10.2186



11.9026, 14.9391, 31.3007



0.3680, 0.4893, 0.8830

Previews

White Background



This preview shows how the XYZ color 32.7350, 32.4842, 30.9303 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 32.7350, 32.4842, 30.9303 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 32.7350, 32.4842, 30.9303

Background



This preview shows how black text looks on a background with the XYZ color 32.7350, 32.4842, 30.9303.



This preview shows how white text looks on a background with the XYZ color 32.7350, 32.4842,

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

32.7350, 32.4842, 30.9303

Protanopia

31.0420, 32.5575, 31.8423

Deuteranopia

33.0151, 32.3927, 30.8979



Tritanopia

34.0815, 32.5672, 37.2907

Trichromacy



Original Color

32.7350, 32.4842, 30.9303

Protanomaly

31.6063, 32.6133, 31.4172

Deuteranomaly

32.7947, 32.2792, 30.8876

Tritanomaly

33.5934, 32.5986, 35.0935

Monochromacy



Original Color

32.7350, 32.4842, 30.9303

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.9210, 32.9553, 34.3843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7350, 32.4842, 30.9303 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(171, 150, 144)` looks like.

```
.text, #text, p{  
    color:rgb(171, 150, 144)  
}
```

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(171, 150, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 150, 144) }
```

Border

The CSS property to change the border of an element to XYZ 32.7350, 32.4842, 30.9303 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(171, 150, 144) }
```


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

```
.border{ border-color:rgb(171, 150, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 150, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 150, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 150, 144);  
box-shadow:4px 4px 4px 4px rgb(171, 150,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7350, 32.4842, 30.9303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 150, 144) }
```

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

```
.background{ background-color: rgb(171,  
150, 144) }
```

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