

Converting Colors

XYZ(32.6824, 33.4232, 32.6149)

Have a look what the booklet for
XYZ(32.6824, 33.4232, 32.6149)
contains.

XYZ(32.6268, 33.3563, 32.7358)	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(32.6268, 33.3563,
32.7358)**

Conversions

Conversions Part 1

Format	Color
Hex	A69A94
RGB	166, 154, 148
RGB Percent	65%, 60%, 58%
CMY	0.3490, 0.3961, 0.4196
CMYK	0.00, 0.07, 0.11, 0.35
HSL	20°, 9%, 62%
HSV	20°, 11%, 65%
XYZ	32.6268, 33.3563, 32.7358
YIQ	156.9040, 9.0780, 0.6780

Conversions

Conversions Part 2

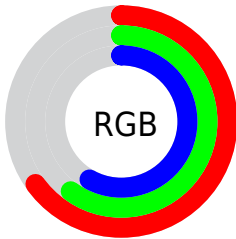
Format	Color
R_{YB}	166, 157, 148
Decimal	10918548
CIE Lab	64.45, 3.33, 4.72
CIE LCh	64, 5.778, 54.788
Yxy	33.3563, 0.3305, 0.3379
Android (android.graphics.Color)	4289108628 (0xFFA69A94)
YUV	156.9040, -4.3897, 7.9772
Hunter-Lab	57.7549, -0.2332, 6.8225

Details

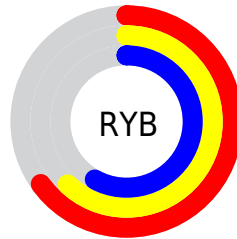
The XYZ color **32.6268, 33.3563, 32.7358** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.6664, 34.1902, 41.0072**, and the grayscale version is **32.0217, 33.6893, 36.6876**.

A 20% lighter version of the original color is **63.0353, 64.7482, 65.0524**, and **13.9473, 14.1410, 13.3036** is the 20% darker color. If you saturate the color by 10%, you get **29.6635, 29.3836, 25.7237**, and if you desaturate by 10%, it is **35.9488, 37.7440, 40.7980**.

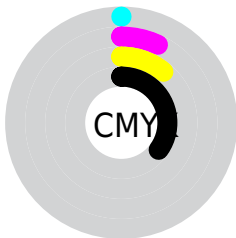
Distribution



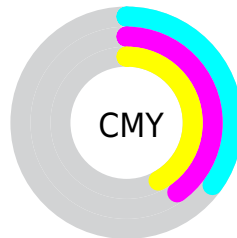
- Red (65%)
- Green (60%)
- Blue (58%)



- Red (65%)
- Yellow (62%)
- Blue (58%)



- Cyan (0%)
- Magenta (7%)
- Yellow (11%)
- Black (35%)





- Cyan (35%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6268, 33.3563, 32.7358 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 32.6268, 33.3563, 32.7358 by changing the saturation by 10% instead.


 32.6268, 33.3563,
32.7358

 32.6268, 33.3563,
32.7358


305.6595,
317.2522, 329.0530

 21.9986, 22.3995,
21.6547

 63.1510, 64.9314,
65.0741

 13.9724, 14.1508,
13.4075


 83.7777, 86.3185,
87.1683

 8.1831, 8.2256,
7.5757


108.4679,
111.9512, 113.7706

 4.2651, 4.2396,
3.7408

137.5871,
142.2139, 145.2996

 1.8532, 1.8085,
1.4843

171.5004,
177.4909, 182.1738

 0.5494, 0.4925,
0.2062

210.5734,

 0.0000, 0.0000,

218.1667, 224.8118

0.0000

255.1713,
264.6257, 273.6320

■ 32.6268, 33.3563,
32.7358

■ 32.6268, 33.3563,
32.7358

■ 29.6635, 29.3836,
25.7237

■ 35.9488, 37.7440,
40.7980

■ 27.0436, 25.8092,
19.7160

■ 39.6385, 42.5540,
49.9491

■ 24.7547, 22.6218,
14.6668

■ 43.7082, 47.7991,
60.2286

■ 22.7827, 19.8078,
10.5257

■ 48.1686, 53.4899,
71.6734

■ 21.1122, 17.3526,
7.2378

■ 53.0302, 59.6369,
84.3186

■ 19.7265, 15.2410,
4.7420

■ 58.3028, 66.2501,
98.1980

■ 18.6070, 13.4561,
2.9689

■ 62.4787, 72.7324,
105.3535

■ 17.7324, 11.9794,
1.8371

■ 65.6821, 79.1391,
106.4213

■ 17.1094, 10.8738,
1.1971

■ 69.0848, 85.9446,
107.5556

Harmonies

Analogous

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



33.1649, 33.3563, 34.4495



32.6268, 33.3563, 32.7358



31.8484, 33.3563, 31.9842

Triad

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



32.6268, 33.3563, 32.7358



30.1519, 33.3563, 35.9085



32.3733, 33.3563, 40.5978

Complementary

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



32.6268, 33.3563, 32.7358



31.6664, 34.1902, 41.0072

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.



31.5604, 33.3563, 41.0295



32.6268, 33.3563, 32.7358



30.2870, 33.3563, 38.2557

Square

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



32.6268, 33.3563, 32.7358



30.4269, 33.3563, 33.7646



30.7991, 33.3563, 40.1553



33.0167, 33.3563, 38.9998

Rectangle

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



32.6268, 33.3563, 32.7358



31.3014, 33.3563, 32.1052



30.7991, 33.3563, 40.1553



32.1104, 33.3563, 40.8870

Sweetspot

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



32.6277, 33.3578, 32.7365



63.8524, 66.6742, 70.6386



32.6614, 31.8254, 37.6796



14.1796, 14.7764, 15.5406



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.



32.6277, 33.3578, 32.7365



57.8671, 58.7433, 56.1898



34.1688, 36.4400, 33.2502



7.7279, 7.9359, 7.9137



13.3066, 8.5104, 0.9413



0.3705, 0.3006, 0.0385

Inverse Universe

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



31.6664, 34.1902, 41.0072



55.7707, 60.5578, 74.2247



30.1628, 31.1828, 40.5059



7.5336, 8.1042, 9.5855



9.7592, 10.9785, 29.5802



0.2815, 0.3553, 0.7344

Previews

White Background



This preview shows how the XYZ color 32.6268, 33.3563, 32.7358 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 32.6268, 33.3563, 32.7358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

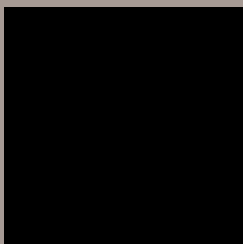
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

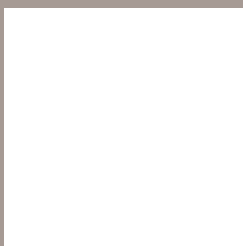
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6268, 33.3563, 32.7358

Background



This preview shows how black text looks on a background with the XYZ color 32.6268, 33.3563, 32.7358.



This preview shows how white text looks on a background with the XYZ color 32.6268, 33.3563,

32.7358.

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

32.6268, 33.3563, 32.7358

Protanopia

32.0112, 33.5239, 33.2174

Deuteranopia

33.9470, 33.3018, 33.0725



Tritanopia

34.0775, 33.4616, 39.7846

Trichromacy



Original Color

32.6268, 33.3563, 32.7358

Protanomaly

32.2504, 33.3991, 33.1807

Deuteranomaly

33.4476, 33.2843, 33.0954

Tritanomaly

33.4991, 33.4666, 37.0419

Monochromacy



Original Color

32.6268, 33.3563, 32.7358

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.2184, 33.5836, 35.3560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6268, 33.3563, 32.7358 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(166, 154, 148)` looks like.

```
.text, #text, p{  
    color:rgb(166, 154, 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(166, 154, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 154, 148) }
```

Border

The CSS property to change the border of an element to XYZ 32.6268, 33.3563, 32.7358 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(166, 154, 148) }
```


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

```
.border{ border-color:rgb(166, 154, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 154, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 154, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 154, 148);  
box-shadow:4px 4px 4px 4px rgb(166, 154,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6268, 33.3563, 32.7358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 154, 148) }
```

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

```
.background{ background-color: rgb(166,  
154, 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