

Converting Colors

XYZ(32.8357, 35.6964, 35.7329)

Have a look what the booklet for
XYZ(32.8357, 35.6964, 35.7329)
contains.

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Color

**XYZ(32.8346, 35.6956,
35.7312)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA39A
RGB	157, 163, 154
RGB Percent	62%, 64%, 60%
CMY	0.3843, 0.3608, 0.3961
CMYK	0.04, 0.00, 0.06, 0.36
HSL	100°, 5%, 62%
HSV	100°, 6%, 64%
XYZ	32.8346, 35.6956, 35.7312
YIQ	160.1800, -0.6870, -4.0710

Conversions

Conversions Part 2

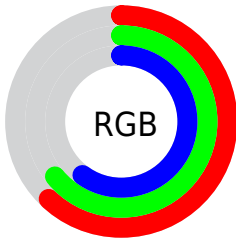
Format	Color
RYB	154, 163, 160
Decimal	10331034
CIELab	66.29, -3.85, 3.92
CIELCh	66, 5.496, 134.470
Yxy	35.6956, 0.3149, 0.3424
Android (android.graphics.Color)	4288521114 (0xFF9DA39A)
YUV	160.1800, -3.0467, -2.7889
Hunter-Lab	59.7458, -6.4566, 6.3634

Details

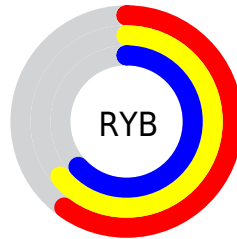
The XYZ color **32.8346, 35.6956, 35.7312** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6650, 33.2301, 39.3446**, and the grayscale version is **33.5113, 35.2565, 38.3944**.

A 20% lighter version of the original color is **63.6079, 68.6939, 69.5813**, and **14.0765, 15.4123, 15.0649** is the 20% darker color. If you saturate the color by 10%, you get **29.5414, 34.1453, 28.9650**, and if you desaturate by 10%, it is **36.5029, 37.4200, 43.4788**.

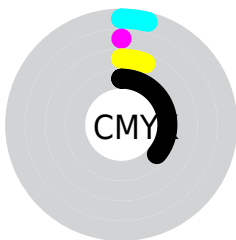
Distribution



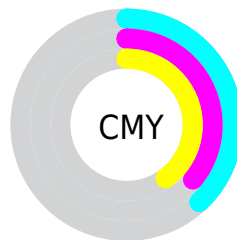
- Red (62%)
- Green (64%)
- Blue (60%)



- Red (60%)
- Yellow (64%)
- Blue (63%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (36%)



- Cyan (38%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8346, 35.6956, 35.7312 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 32.8346, 35.6956, 35.7312 by changing the saturation by 10% instead.

■ 32.8346, 35.6956,
35.7312

■ 32.8346, 35.6956,
35.7312

306.5820,
327.6281, 342.7859

■ 22.1584, 24.1992,
23.9386

■ 63.4736, 68.5620,
69.7813

■ 14.0906, 15.4814,
15.0763

■ 84.1671, 90.7007,
92.8760

■ 8.2658, 9.1580,
8.7257

108.9305,
117.1557, 120.5751

■ 4.3187, 4.8444,
4.4684

138.1290,
148.3114, 153.2971

■ 1.8840, 2.1562,
1.8856

172.1281,
184.5520, 191.4607

■ 0.5675, 0.6960,
0.4836

211.2930,

■ 0.0000, 0.0000,

226.2621, 235.4843

0.0000

255.9892,
273.8260, 285.7866

■ 32.8346, 35.6956,
35.7312

■ 32.8346, 35.6956,
35.7312

■ 29.5414, 34.1453,
28.9650

■ 36.5029, 37.4200,
43.4788

■ 26.6080, 32.7590,
23.1389

■ 40.5549, 39.3191,
52.2425

■ 24.0223, 31.5324,
18.2118

■ 45.0028, 41.3995,
62.0579

■ 21.7708, 30.4595,
14.1390

■ 49.8573, 43.6658,
72.9584

■ 19.8384, 29.5336,
10.8716

■ 55.1286, 46.1227,
84.9759

■ 18.2093, 28.7478,
8.3561

■ 60.8266, 48.7747,
98.1408

■ 16.8658, 28.0942,
6.5322

■ 64.7784, 50.7530,
100.9898

■ 15.7883, 27.5642,
5.3307

■ 68.4384, 52.6397,
101.1611

■ 14.9525, 27.1472,
4.6614

■ 72.3207, 54.6411,
101.3428

Harmonies

Analogous

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



33.5350, 35.6956, 34.6546



32.8346, 35.6956, 35.7312



32.4305, 35.6956, 37.6695

Triad

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



32.8346, 35.6956, 35.7312



33.5071, 35.6956, 43.3832



35.4779, 35.6956, 37.7486

Complementary

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



32.8346, 35.6956, 35.7312



32.6650, 33.2301, 39.3446

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.



35.4701, 35.6956, 40.0884



32.8346, 35.6956, 35.7312



34.3233, 35.6956, 43.4065

Square

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



32.8346, 35.6956, 35.7312



32.8144, 35.6956, 42.1176



35.0446, 35.6956, 42.1799



35.0657, 35.6956, 35.7871

Rectangle

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



32.8346, 35.6956, 35.7312



32.3793, 35.6956, 39.2196



35.0446, 35.6956, 42.1799



35.5245, 35.6956, 38.5154

Sweetspot

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



32.8356, 35.6971, 35.7320



61.0154, 64.9678, 68.6233



33.5092, 35.2627, 35.6126



13.7207, 14.5994, 15.4481



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.8356, 35.6971, 35.7320



57.8105, 63.4605, 61.9261



32.3832, 35.4494, 36.3673



7.3403, 8.0715, 7.8406



11.4186, 20.9970, 3.4510



0.2883, 0.4661, 0.0748

Inverse Universe

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



32.6650, 33.2301, 39.3446



57.4202, 57.8173, 70.1896



33.1384, 33.4895, 38.6690



7.2887, 7.3256, 8.9329



10.0584, 4.5918, 27.2859



0.2582, 0.1206, 0.5755

Previews

White Background



This preview shows how the XYZ color 32.8346, 35.6956, 35.7312 looks on a white background.

Color Contrast Check

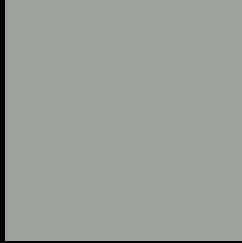
Large Text (above 18pt) WCAG AA × Fail

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 32.8346, 35.6956, 35.7312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

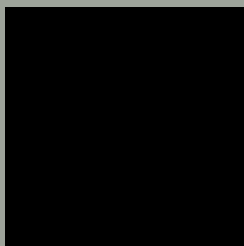
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

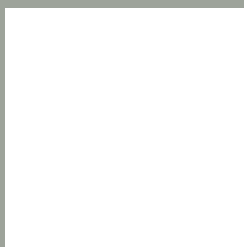
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.8346, 35.6956, 35.7312

Background



This preview shows how black text looks on a background with the XYZ color 32.8346, 35.6956, 35.7312.



This preview shows how white text looks on a background with the XYZ color 32.8346, 35.6956,

35.7312.

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

32.8346, 35.6956, 35.7312

Protanopia

34.0465, 35.5485, 35.2041

Deuteranopia

36.3953, 35.7272, 35.9881



Tritanopia

34.6108, 35.6323, 44.5887

Trichromacy



Original Color

32.8346, 35.6956, 35.7312

Protanomaly

33.5989, 35.5762, 35.2330

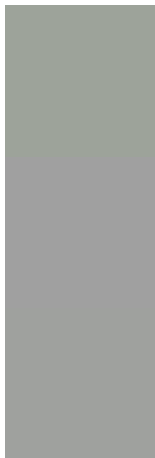
Deuteranomaly

35.1091, 35.8208, 36.0740

Tritanomaly

33.9259, 35.6138, 41.1625

Monochromacy



Original Color

32.8346, 35.6956, 35.7312

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.2145, 35.3293, 37.4164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8346, 35.6956, 35.7312 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(157, 163, 154)` looks like.

```
.text, #text, p{  
    color:rgb(157, 163, 154)  
}
```

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(157, 163, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 163, 154) }
```

Border

The CSS property to change the border of an element to XYZ 32.8346, 35.6956, 35.7312 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(157, 163, 154) }
```


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

```
.border{ border-color:rgb(157, 163, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 163, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 163, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 163, 154);  
box-shadow:4px 4px 4px 4px rgb(157, 163,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8346, 35.6956, 35.7312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 163, 154) }
```

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

```
.background{ background-color: rgb(157,  
163, 154) }
```

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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