

Converting Colors

XYZ(32.9604, 35.4249, 38.1917)

Have a look what the booklet for
XYZ(32.9604, 35.4249, 38.1917)
contains.

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Color

**XYZ(32.9758, 35.4466,
38.3616)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA2A0
RGB	156, 162, 160
RGB Percent	61%, 64%, 63%
CMY	0.3882, 0.3647, 0.3725
CMYK	0.04, 0.00, 0.01, 0.36
HSL	160°, 3%, 62%
HSV	160°, 4%, 64%
XYZ	32.9758, 35.4466, 38.3616
YIQ	159.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

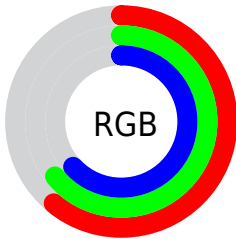
Format	Color
RYB	156, 160, 162
Decimal	10265248
CIELab	66.09, -2.52, 0.29
CIELCh	66, 2.538, 173.523
Yxy	35.4466, 0.3088, 0.3319
Android (android.graphics.Color)	4288455328 (0xFF9CA2A0)
YUV	159.9780, 0.0108, -3.4887
Hunter-Lab	59.5370, -5.3240, 3.4735

Details

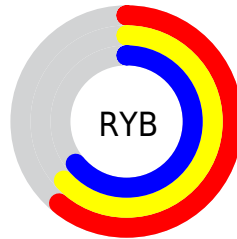
The XYZ color **32.9758, 35.4466, 38.3616** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9616, 33.9279, 37.1609**, and the grayscale version is **33.4052, 35.1449, 38.2728**.

A 20% lighter version of the original color is **63.6569, 68.2336, 74.1053**, and **14.1619, 15.2592, 16.6669** is the 20% darker color. If you saturate the color by 10%, you get **29.5852, 33.7532, 35.7887**, and if you desaturate by 10%, it is **36.8071, 37.3669, 41.0639**.

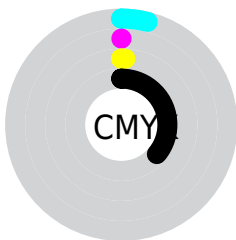
Distribution



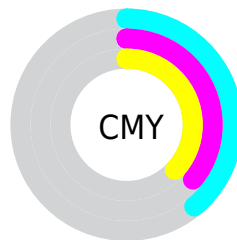
- Red (61%)
- Green (64%)
- Blue (63%)



- Red (61%)
- Yellow (63%)
- Blue (64%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (36%)



- Cyan (39%)
- Magenta (36%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9758, 35.4466, 38.3616 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 32.9758, 35.4466, 38.3616 by changing the saturation by 10% instead.

■ 32.9758, 35.4466,
38.3616

■ 32.9758, 35.4466,
38.3616

307.2076,
326.5352, 354.5132

■ 22.2671, 24.0071,
25.9595

■ 63.6927, 68.1770,
73.8716

■ 14.1710, 15.3389,
16.5678

■ 84.4315, 90.2368,
97.8165

■ 8.3222, 9.0576,
9.7681

109.2444,
116.6054, 126.4461

■ 4.3553, 4.7788,
5.1419

138.4968,
147.6673, 160.1790

■ 1.9050, 2.1180,
2.2706

172.5539,
183.8068, 199.4335

■ 0.5798, 0.6747,
0.7147

211.7812,

■ 0.0000, 0.0000,

225.4083, 244.6284

0.0000

256.5440,
272.8564, 296.1821

■ 32.9758, 35.4466,
38.3616

■ 32.9758, 35.4466,
38.3616

■ 29.5852, 33.7532,
35.7887

■ 36.8071, 37.3669,
41.0639

■ 26.6157, 32.2734,
33.3408

■ 41.0918, 39.5175,
43.8953

■ 24.0504, 30.9997,
31.0164

■ 45.8460, 41.9077,
46.8586

■ 21.8703, 29.9224,
28.8133

■ 51.0840, 44.5449,
49.9557

■ 20.0547, 29.0306,
26.7289

■ 56.8193, 47.4359,
53.1886

■ 18.5810, 28.3129,
24.7609

■ 63.0651, 50.5876,
56.5591

■ 17.4238, 27.7563,
22.9065

■ 64.3348, 51.1715,
59.8116

■ 16.5543, 27.3457,
21.1629

■ 64.9689, 51.4251,
63.1505

■ 15.9377, 27.0634,
19.5268

■ 65.6254, 51.6877,
66.6077

Harmonies

Analogous

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



33.1114, 35.4466, 37.3742



32.9758, 35.4466, 38.3616



33.0306, 35.4466, 39.4298

Triad

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



32.9758, 35.4466, 38.3616



33.9811, 35.4466, 40.5303



34.1237, 35.4466, 36.9500

Complementary

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



32.9758, 35.4466, 38.3616



32.9616, 33.9279, 37.1609

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.



34.3600, 35.4466, 37.7727



32.9758, 35.4466, 38.3616



34.2772, 35.4466, 39.8427

Square

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



32.9758, 35.4466, 38.3616



33.6092, 35.4466, 40.6950



34.4163, 35.4466, 38.8300



33.7728, 35.4466, 36.5691

Rectangle

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



32.9758, 35.4466, 38.3616



33.1680, 35.4466, 40.0427



34.4163, 35.4466, 38.8300



34.2193, 35.4466, 37.1833

Sweetspot

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



32.9768, 35.4481, 38.3624



61.6526, 65.2458, 70.9354



33.0425, 35.5218, 36.5679



13.8558, 14.6583, 15.9381



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.



32.9768, 35.4481, 38.3624



59.6219, 64.2293, 69.4636



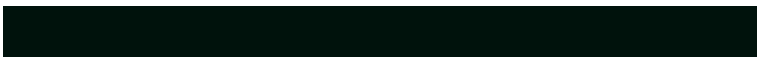
32.9954, 35.2027, 39.2399



7.5467, 8.1567, 8.8124



12.3301, 21.2184, 14.7208



0.2796, 0.4541, 0.4174

Inverse Universe

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



32.9616, 33.9279, 37.1609



59.5916, 61.2006, 67.0699



32.9422, 34.1628, 36.3109



7.5424, 7.7196, 8.4670



12.2825, 6.2691, 3.4123



0.2793, 0.1402, 0.1833

Previews

White Background



This preview shows how the XYZ color 32.9758, 35.4466, 38.3616 looks on a white background.

Color Contrast Check

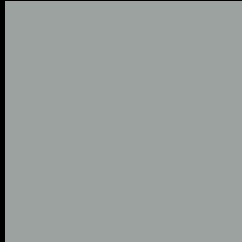
Large Text (above 18pt) WCAG AA × Fail

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 32.9758, 35.4466, 38.3616 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

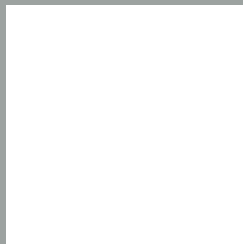
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.9758, 35.4466, 38.3616

Background



This preview shows how black text looks on a background with the XYZ color 32.9758, 35.4466, 38.3616.



This preview shows how white text looks on a background with the XYZ color 32.9758, 35.4466,

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

32.9758, 35.4466, 38.3616

Protanopia

34.1387, 35.5373, 37.8610

Deuteranopia

35.8336, 35.1299, 38.6103



Tritanopia

34.2142, 35.4278, 44.5701

Trichromacy



Original Color

32.9758, 35.4466, 38.3616

Protanomaly

33.7008, 35.5700, 37.8904

Deuteranomaly

34.8083, 35.3518, 38.7072

Tritanomaly

33.7174, 35.4850, 42.1180

Monochromacy



Original Color

32.9758, 35.4466, 38.3616

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.3881, 35.3987, 38.3306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9758, 35.4466, 38.3616 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(156, 162, 160)` looks like.

```
.text, #text, p{  
    color:rgb(156, 162, 160)  
}
```

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(156, 162, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 162, 160) }
```

Border

The CSS property to change the border of an element to XYZ 32.9758, 35.4466, 38.3616 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(156, 162, 160) }
```


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

```
.border{ border-color:rgb(156, 162, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 162, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 162, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 162, 160);  
box-shadow:4px 4px 4px 4px rgb(156, 162,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9758, 35.4466, 38.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 162, 160) }
```

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

```
.background{ background-color: rgb(156,  
162, 160) }
```

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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