

Converting Colors

XYZ(32.3675, 36.2394, 35.2700)

Have a look what the booklet for
XYZ(32.3675, 36.2394, 35.2700)
contains.

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Color

**XYZ(32.3349, 36.2477,
35.4293)**

Conversions

Conversions Part 1

Format	Color
Hex	98A699
RGB	152, 166, 153
RGB Percent	60%, 65%, 60%
CMY	0.4039, 0.3490, 0.4000
CMYK	0.08, 0.00, 0.08, 0.35
HSL	124°, 7%, 62%
HSV	124°, 8%, 65%
XYZ	32.3349, 36.2477, 35.4293
YIQ	160.3320, -4.1710, -7.0110

Conversions

Conversions Part 2

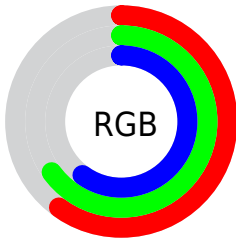
Format	Color
RYB	152, 165, 166
Decimal	10004121
CIELab	66.71, -7.46, 5.04
CIELCh	67, 9.002, 145.954
Yxy	36.2477, 0.3109, 0.3485
Android (android.graphics.Color)	4288194201 (0xFF98A699)
YUV	160.3320, -3.6147, -7.3072
Hunter-Lab	60.2061, -9.4935, 7.2540

Details

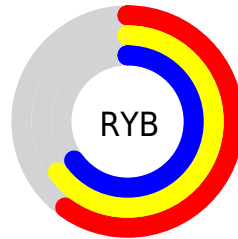
The XYZ color **32.3349, 36.2477, 35.4293** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.7470, 33.2810, 40.2443**, and the grayscale version is **33.5852, 35.3342, 38.4790**.

A 20% lighter version of the original color is **62.5725, 69.3397, 69.1175**, and **13.7824, 15.7606, 14.8861** is the 20% darker color. If you saturate the color by 10%, you get **28.2508, 34.2810, 29.0160**, and if you desaturate by 10%, it is **37.0205, 38.5075, 42.7309**.

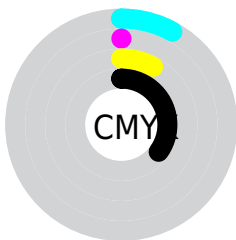
Distribution



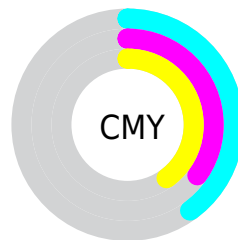
- Red (60%)
- Green (65%)
- Blue (60%)



- Red (60%)
- Yellow (65%)
- Blue (65%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (35%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3349, 36.2477, 35.4293 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 32.3349, 36.2477, 35.4293 by changing the saturation by 10% instead.

■ 32.3349, 36.2477,
35.4293

■ 32.3349, 36.2477,
35.4293

304.3603,
330.0419, 341.4209

■ 21.7742, 24.6256,
23.7076

■ 62.6974, 69.4142,
69.3094

■ 13.8068, 15.7983,
14.9066

■ 83.2299, 91.7274,
92.3048

■ 8.0672, 9.3815,
8.6080

107.8171,
118.3730, 119.8952

■ 4.1901, 4.9909,
4.3931

136.8243,
149.7355, 152.4992

■ 1.8103, 2.2419,
1.8434

170.6168,
186.1992, 190.5351

■ 0.5238, 0.7427,
0.4563

209.5601,

■ 0.0000, 0.0000,

228.1486, 234.4217

0.0000

254.0195,
275.9680, 284.5774

■ 32.3349, 36.2477,
35.4293

■ 32.3349, 36.2477,
35.4293

■ 28.2508, 34.2810,
29.0160

■ 37.0205, 38.5075,
42.7309

■ 24.7408, 32.5910,
23.4549

■ 42.3273, 41.0668,
50.9503

■ 21.7802, 31.1667,
18.7108

■ 48.2779, 43.9377,
60.1188

■ 19.3410, 29.9945,
14.7453

■ 54.8931, 47.1302,
70.2653

■ 17.3931, 29.0598,
11.5166

■ 62.1924, 50.6539,
81.4176

■ 15.9029, 28.3462,
8.9796

■ 70.1947, 54.5178,
93.6023

■ 14.8330, 27.8354,
7.0835

■ 72.9269, 55.7538,
101.5256

■ 14.1396, 27.5063,
5.7712

■ 13.7505, 27.3230,
4.9742

Harmonies

Analogous

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



33.3228, 36.2477, 33.1215



32.3349, 36.2477, 35.4293



31.9142, 36.2477, 38.9426

Triad

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



32.3349, 36.2477, 35.4293



34.2685, 36.2477, 47.4023



36.8525, 36.2477, 36.2861

Complementary

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



32.3349, 36.2477, 35.4293



33.7470, 33.2810, 40.2443

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.



37.1217, 36.2477, 39.9973



32.3349, 36.2477, 35.4293



35.6072, 36.2477, 46.5765

Square

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



32.3349, 36.2477, 35.4293



33.0118, 36.2477, 45.9900



36.6603, 36.2477, 43.8016



35.9342, 36.2477, 33.5930

Rectangle

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



32.3349, 36.2477, 35.4293



32.0036, 36.2477, 41.5578



36.6603, 36.2477, 43.8016



37.0230, 36.2477, 37.4487

Sweetspot

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



32.3359, 36.2492, 35.4301



63.1191, 67.9236, 71.2227



34.8361, 37.5477, 35.1177



13.9746, 15.1276, 15.7041



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.



32.3359, 36.2492, 35.4301



57.3084, 65.1230, 62.1466



32.9256, 36.4851, 38.5353



7.4577, 8.4161, 8.1303



10.6321, 21.1716, 3.8297



0.2653, 0.5177, 0.1278

Inverse Universe

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



33.7470, 33.2810, 40.2443



60.3646, 58.6940, 72.5736



33.1326, 33.0353, 37.0091



7.8184, 7.6572, 9.3611



16.7342, 8.1024, 24.4758



0.4138, 0.1998, 0.6303

Previews

White Background



This preview shows how the XYZ color 32.3349, 36.2477, 35.4293 looks on a white background.

Color Contrast Check

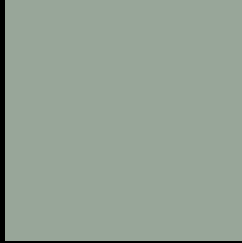
Large Text (above 18pt) WCAG AA × Fail

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 32.3349, 36.2477, 35.4293 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

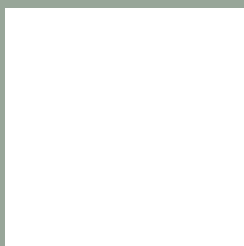
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3349, 36.2477, 35.4293

Background



This preview shows how black text looks on a background with the XYZ color 32.3349, 36.2477, 35.4293.



This preview shows how white text looks on a background with the XYZ color 32.3349, 36.2477,

35.4293.

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

32.3349, 36.2477, 35.4293

Protanopia

34.4792, 36.0489, 34.4190

Deuteranopia

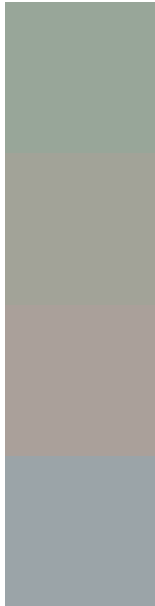
36.7958, 36.1838, 36.0552



Tritanopia

34.6440, 36.3969, 46.2737

Trichromacy



Original Color

32.3349, 36.2477, 35.4293

Protanomaly

33.6650, 36.1428, 34.9077

Deuteranomaly

34.9811, 36.0208, 35.6808

Tritanomaly

33.8609, 36.3466, 42.2767

Monochromacy



Original Color

32.3349, 36.2477, 35.4293

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.9108, 35.4431, 37.0049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3349, 36.2477, 35.4293 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(152, 166, 153)` looks like.

```
.text, #text, p{  
    color:rgb(152, 166, 153)  
}
```

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(152, 166, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 166, 153) }
```

Border

The CSS property to change the border of an element to XYZ 32.3349, 36.2477, 35.4293 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(152, 166, 153) }
```


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

```
.border{ border-color:rgb(152, 166, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 166, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 166, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 166, 153);  
box-shadow:4px 4px 4px 4px rgb(152, 166,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3349, 36.2477, 35.4293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 166, 153) }
```

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

```
.background{ background-color: rgb(152,  
166, 153) }
```

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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