

Converting Colors

XYZ(32.3030, 34.9205, 36.2971)

Have a look what the booklet for
XYZ(32.3030, 34.9205, 36.2971)
contains.

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Color

**XYZ(32.2632, 34.8586,
36.4804)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA19C
RGB	155, 161, 156
RGB Percent	61%, 63%, 61%
CMY	0.3922, 0.3686, 0.3882
CMYK	0.04, 0.00, 0.03, 0.37
HSL	130°, 3%, 62%
HSV	130°, 4%, 63%
XYZ	32.2632, 34.8586, 36.4804
YIQ	158.6360, -1.9710, -2.8270

Conversions

Conversions Part 2

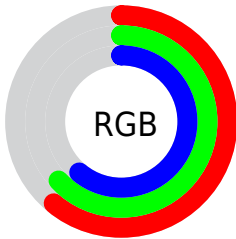
Format	Color
RYB	155, 160, 161
Decimal	10199452
CIELab	65.64, -3.10, 1.85
CIELCh	66, 3.611, 149.239
Yxy	34.8586, 0.3114, 0.3365
Android (android.graphics.Color)	4288389532 (0xFF9BA19C)
YUV	158.6360, -1.2995, -3.1888
Hunter-Lab	59.0412, -5.7803, 4.6947

Details

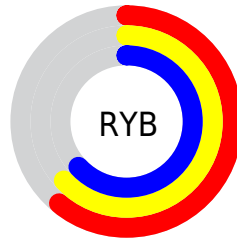
The XYZ color **32.2632, 34.8586, 36.4804** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.7658, 33.5587, 38.0100**, and the grayscale version is **32.7957, 34.5036, 37.5745**.

A 20% lighter version of the original color is **62.4832, 67.3202, 70.6736**, and **13.8347, 15.1148, 15.5529** is the 20% darker color. If you saturate the color by 10%, you get **28.3028, 32.9421, 30.6880**, and if you desaturate by 10%, it is **36.7631, 37.0408, 42.9548**.

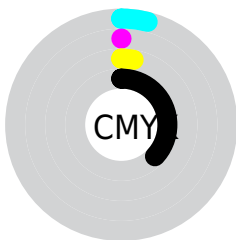
Distribution



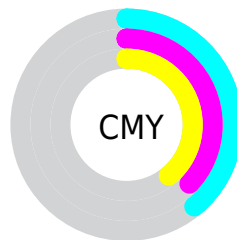
- Red (61%)
- Green (63%)
- Blue (61%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (37%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2632, 34.8586, 36.4804 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 32.2632, 34.8586, 36.4804 by changing the saturation by 10% instead.

■ 32.2632, 34.8586,
36.4804

■ 32.2632, 34.8586,
36.4804

304.0405,
323.9438, 346.1561

■ 21.7191, 23.5540,
24.5128

■ 62.5859, 67.2667,
70.9503

■ 13.7661, 15.0031,
15.4988

■ 83.0952, 89.1389,
94.2897

■ 8.0388, 8.8216,
9.0197

107.6570,
115.3024, 122.2567

■ 4.1718, 4.6250,
4.6570

136.6367,
146.1417, 155.2700

■ 1.7998, 2.0289,
1.9923

170.3995,
182.0410, 193.7480

■ 0.5175, 0.6242,
0.5505

209.3108,

■ 0.0000, 0.0000,

223.3849, 238.1094

0.0000

253.7360,
270.5577, 288.7726

■ 32.2632, 34.8586,
36.4804

■ 32.2632, 34.8586,
36.4804

■ 28.3028, 32.9421,
30.6880

■ 36.7631, 37.0408,
42.9548

■ 24.8588, 31.2767,
25.5531

■ 41.8189, 39.4935,
50.1301

■ 21.9106, 29.8534,
21.0532

■ 47.4495, 42.2273,
58.0272

■ 19.4351, 28.6608,
17.1636

■ 53.6726, 45.2506,
66.6656

■ 17.4076, 27.6866,
13.8579

■ 60.5046, 48.5717,
76.0638

■ 15.8006, 26.9174,
11.1079

■ 67.9616, 52.1984,
86.2399

■ 14.5842, 26.3382,
8.8831

■ 71.2297, 53.6488,
96.9852

■ 13.7237, 25.9322,
7.1498

■ 72.0355, 53.9711,
101.2285

■ 13.1788, 25.6790,
5.8705

Harmonies

Analogous

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



32.6363, 34.8586, 35.4625



32.2632, 34.8586, 36.4804



32.1225, 34.8586, 37.9163

Triad

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



32.2632, 34.8586, 36.4804



33.1185, 34.8586, 40.9519



34.0302, 34.8586, 36.5459

Complementary

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



32.2632, 34.8586, 36.4804



32.7658, 33.5587, 38.0100

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.



34.1625, 34.8586, 37.9939



32.2632, 34.8586, 36.4804



33.6328, 34.8586, 40.5618

Square

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



32.2632, 34.8586, 36.4804



32.6131, 34.8586, 40.5212



34.0164, 34.8586, 39.4690



33.6565, 34.8586, 35.4996

Rectangle

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



32.2632, 34.8586, 36.4804



32.1782, 34.8586, 38.9259



34.0164, 34.8586, 39.4690



34.1045, 34.8586, 37.0006

Sweetspot

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



32.2642, 34.8601, 36.4812



59.8659, 63.4392, 68.3505



33.1799, 35.3419, 36.0838



13.1398, 13.9182, 15.0052



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



32.2642, 34.8601, 36.4812



57.5175, 62.3014, 64.9513



32.5129, 34.9596, 37.7910



7.4722, 8.1269, 8.4201



10.3461, 20.4248, 4.2729



0.2302, 0.4343, 0.1571

Inverse Universe

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



32.7658, 33.5587, 38.0100



58.4971, 59.7598, 67.9371



32.5148, 33.4584, 36.6884



7.6176, 7.7497, 8.8633



15.1984, 7.4354, 18.7673



0.3320, 0.1613, 0.4610

Previews

White Background



This preview shows how the XYZ color 32.2632, 34.8586, 36.4804 looks on a white background.

Color Contrast Check

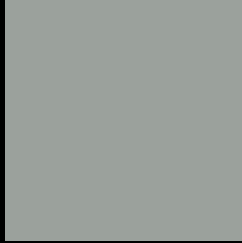
Large Text (above 18pt) WCAG AA × Fail

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 32.2632, 34.8586, 36.4804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

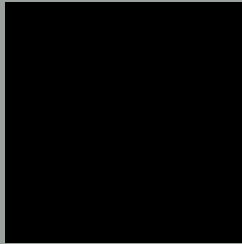
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

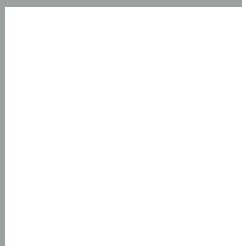
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.2632, 34.8586, 36.4804

Background



This preview shows how black text looks on a background with the XYZ color 32.2632, 34.8586, 36.4804.



This preview shows how white text looks on a background with the XYZ color 32.2632, 34.8586,

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

32.2632, 34.8586, 36.4804

Protanopia

33.4188, 34.9494, 35.9949

Deuteranopia

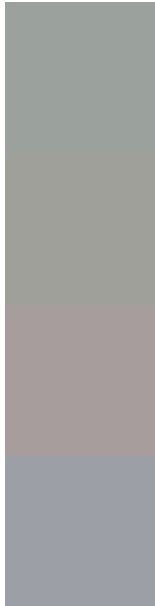
35.3206, 34.6595, 36.7266



Tritanopia

33.6535, 34.9046, 43.4916

Trichromacy



Original Color

32.2632, 34.8586, 36.4804

Protanomaly

32.9844, 34.9818, 36.0240

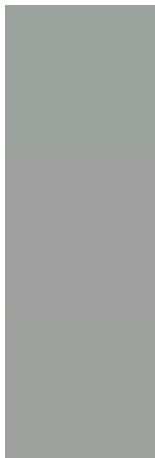
Deuteranomaly

34.2912, 34.8731, 36.8221

Tritanomaly

33.1640, 34.9627, 41.0769

Monochromacy



Original Color

32.2632, 34.8586, 36.4804

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.8429, 34.8793, 37.3491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2632, 34.8586, 36.4804 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(155, 161, 156)` looks like.

```
.text, #text, p{  
    color:rgb(155, 161, 156)  
}
```

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(155, 161, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 161, 156) }
```

Border

The CSS property to change the border of an element to XYZ 32.2632, 34.8586, 36.4804 is called "border". The border property can be set on classes, ids or directly on the HTML element.

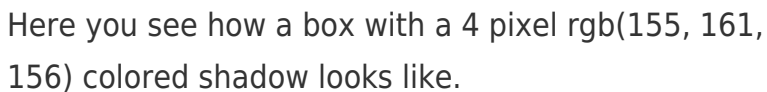
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 161, 156) }
```


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

```
.border{ border-color:rgb(155, 161, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 161, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 161, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 161, 156); box-shadow:4px 4px 4px 4px rgb(155, 161, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2632, 34.8586, 36.4804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 161, 156) }
```

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

```
.background{ background-color: rgb(155,  
161, 156) }
```

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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