

Converting Colors

XYZ(32.0886, 33.9508, 35.7554)

Have a look what the booklet for
XYZ(32.0886, 33.9508, 35.7554)
contains.

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Color

**XYZ(32.2438, 34.0894,
35.8908)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9E9B
RGB	158, 158, 155
RGB Percent	62%, 62%, 61%
CMY	0.3804, 0.3804, 0.3922
CMYK	0.00, 0.00, 0.02, 0.38
HSL	60°, 2%, 61%
HSV	60°, 2%, 62%
XYZ	32.2438, 34.0894, 35.8908
YIQ	157.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

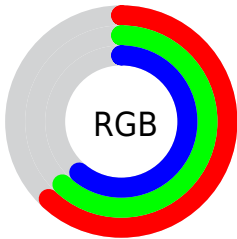
Format	Color
RYB	155, 158, 155
Decimal	10395291
CIELab	65.03, -0.57, 1.56
CIELCh	65, 1.656, 109.971
Yxy	34.0894, 0.3154, 0.3335
Android (android.graphics.Color)	4288585371 (0xFF9E9E9B)
YUV	157.6580, -1.3104, 0.2999
Hunter-Lab	58.3861, -3.5989, 4.4239

Details

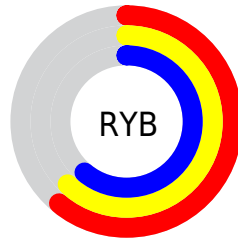
The XYZ color **32.2438, 34.0894, 35.8908** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.4118, 32.8808, 37.0406**, and the grayscale version is **32.3508, 34.0355, 37.0647**.

A 20% lighter version of the original color is **62.7434, 66.3381, 69.8192**, and **13.8198, 14.6407, 15.1943** is the 20% darker color. If you saturate the color by 10%, you get **31.0000, 33.5926, 29.3532**, and if you desaturate by 10%, it is **33.6632, 34.6586, 43.3445**.

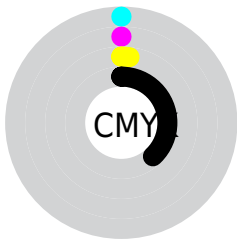
Distribution



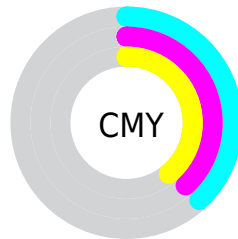
- Red (62%)
- Green (62%)
- Blue (61%)



- Red (61%)
- Yellow (62%)
- Blue (61%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (38%)



- Cyan (38%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2438, 34.0894, 35.8908 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 32.2438, 34.0894, 35.8908 by changing the saturation by 10% instead.

■ 32.2438, 34.0894,
35.8908

■ 32.2438, 34.0894,
35.8908

303.9539,
320.5305, 343.5060

■ 21.7042, 22.9623,
24.0608

■ 62.5557, 66.0727,
70.0306

■ 13.7551, 14.5657,
15.1661

■ 83.0588, 87.6976,
93.1776

■ 8.0311, 8.5151,
8.7882

107.6137,
113.5906, 120.9340

■ 4.1668, 4.4263,
4.5083

136.5859,
144.1361, 153.7183

■ 1.7969, 1.9148,
1.9082

170.3406,
179.7184, 191.9491

■ 0.5158, 0.5572,
0.4979

209.2433,

■ 0.0000, 0.0000,

220.7220, 236.0450

0.0000

253.6593,
267.5312, 286.4244

■ 32.2438, 34.0894,
35.8908

■ 32.2438, 34.0894,
35.8908

■ 31.0000, 33.5926,
29.3532

■ 33.6632, 34.6586,
43.3445

■ 29.9222, 33.1611,
23.6942

■ 35.2617, 35.2984,
51.7453

■ 29.0042, 32.7936,
18.8771

■ 37.0462, 36.0126,
61.1257

■ 28.2386, 32.4869,
14.8616

■ 39.0224, 36.8034,
71.5159

■ 27.6168, 32.2379,
11.6043

■ 41.1959, 37.6732,
82.9446

■ 27.1301, 32.0428,
9.0575

■ 43.5719, 38.6239,
95.4397

■ 26.7681, 31.8977,
7.1683

■ 44.4006, 38.9558,
99.7868

■ 26.5196, 31.7979,
5.8764

■ 44.4038, 38.9574,
99.7869

■ 26.3710, 31.7381,
5.1101

■ 44.4069, 38.9591,
99.7871

Harmonies

Analogous

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



32.4813, 34.0894, 35.8329



32.2438, 34.0894, 35.8908



32.0493, 34.0894, 36.2751

Triad

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



32.2438, 34.0894, 35.8908



32.1054, 34.0894, 38.1374



32.8569, 34.0894, 37.3479

Complementary

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



32.2438, 34.0894, 35.8908



31.4118, 32.8808, 37.0406

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.



32.7551, 34.0894, 37.9730



32.2438, 34.0894, 35.8908



32.3208, 34.0894, 38.4325

Square

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



32.2438, 34.0894, 35.8908



31.9697, 34.0894, 37.5702



32.5586, 34.0894, 38.3720



32.8360, 34.0894, 36.6686

Rectangle

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



32.2438, 34.0894, 35.8908



31.9699, 34.0894, 36.6673



32.5586, 34.0894, 38.3720



32.8359, 34.0894, 37.5715

Sweetspot

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



32.2448, 34.0909, 35.8915



58.7672, 61.9912, 66.3000



31.7393, 33.0792, 35.7229



13.2523, 13.9772, 14.9645



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.



32.2448, 34.0909, 35.8915



58.5197, 61.8921, 64.9996



31.9518, 33.9398, 35.8778



7.3842, 7.8060, 8.2258



21.0603, 25.3937, 3.7915



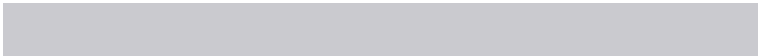
0.3768, 0.4541, 0.0678

Inverse Universe

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



31.4118, 32.8808, 37.0406



56.8983, 59.5367, 67.2363



31.7012, 33.0300, 37.0541



7.1986, 7.5363, 8.4819



4.9446, 1.9781, 26.0284



0.0886, 0.0355, 0.4654

Previews

White Background



This preview shows how the XYZ color 32.2438, 34.0894, 35.8908 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 32.2438, 34.0894, 35.8908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

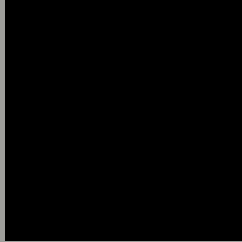
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

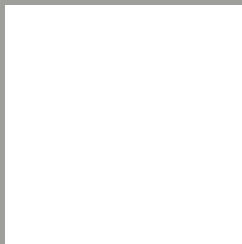
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.2438, 34.0894, 35.8908

Background



This preview shows how black text looks on a background with the XYZ color 32.2438, 34.0894, 35.8908.



This preview shows how white text looks on a background with the XYZ color 32.2438, 34.0894,

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

32.2438, 34.0894, 35.8908

Protanopia

32.5876, 34.0241, 35.4216

Deuteranopia

34.6256, 34.0670, 36.2031



Tritanopia

33.4536, 34.0777, 41.8602

Trichromacy



Original Color

32.2438, 34.0894, 35.8908

Protanomaly

32.3869, 33.9206, 35.4122

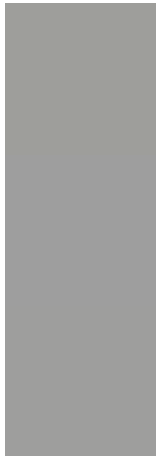
Deuteranomaly

33.8705, 34.1678, 36.2624

Tritanomaly

32.9659, 34.1292, 39.5004

Monochromacy



Original Color

32.2438, 34.0894, 35.8908

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.4132, 34.1571, 36.7829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2438, 34.0894, 35.8908 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(158, 158, 155) looks like.

```
.text, #text, p{  
    color:rgb(158, 158, 155)  
}
```

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(158, 158, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 158, 155) }
```

Border

The CSS property to change the border of an element to XYZ 32.2438, 34.0894, 35.8908 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(158, 158, 155) }
```


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

```
.border{ border-color:rgb(158, 158, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 158, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 158, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 158, 155);  
box-shadow:4px 4px 4px 4px rgb(158, 158,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2438, 34.0894, 35.8908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 158, 155) }
```

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

```
.background{ background-color: rgb(158,  
158, 155) }
```

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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