

Converting Colors

XYZ(30.9113, 31.5869, 33.5134)

Have a look what the booklet for
XYZ(30.9113, 31.5869, 33.5134)
contains.

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Color

**XYZ(30.7094, 31.3856,
33.2936)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9696
RGB	159, 150, 150
RGB Percent	62%, 59%, 59%
CMY	0.3765, 0.4117, 0.4118
CMYK	0.00, 0.06, 0.06, 0.38
HSL	0°, 4%, 61%
HSV	0°, 6%, 62%
XYZ	30.7094, 31.3856, 33.2936
YIQ	152.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

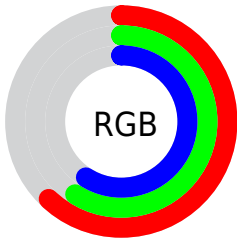
Format	Color
R_{YB}	159, 150, 150
Decimal	10458774
CIE Lab	62.83, 3.30, 1.18
CIE LCh	63, 3.506, 19.612
Yxy	31.3856, 0.3219, 0.3290
Android (android.graphics.Color)	4288648854 (0xFF9F9696)
YUV	152.6910, -1.3267, 5.5330
Hunter-Lab	56.0229, -0.1937, 3.9808

Details

The XYZ color **30.7094, 31.3856, 33.2936** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.2337, 33.7829, 37.6758**, and the grayscale version is **30.1486, 31.7187, 34.5417**.

A 20% lighter version of the original color is **60.2235, 61.8415, 65.8892**, and **12.8983, 13.0127, 13.6363** is the 20% darker color. If you saturate the color by 10%, you get **27.1485, 26.1753, 26.2127**, and if you desaturate by 10%, it is **34.7899, 37.3562, 41.4057**.

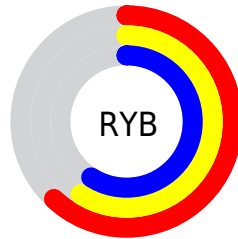
Distribution



Red (62%)

Green (59%)

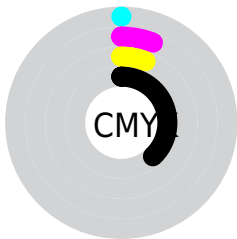
Blue (59%)



Red (62%)

Yellow (59%)

Blue (59%)

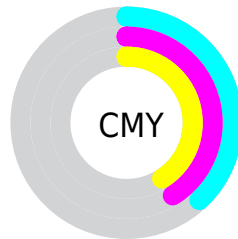


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (38%)



Cyan (38%)

Magenta (41%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7094, 31.3856, 33.2936 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 30.7094, 31.3856, 33.2936 by changing the saturation by 10% instead.

■ 30.7094, 31.3856,
33.2936

■ 30.7094, 31.3856,
33.2936

297.0481,
308.3109, 331.6431

■ 20.5284, 20.8926,
22.0785

■ 60.1612, 61.8467,
65.9549

■ 12.8902, 13.0456,
13.7157

■ 80.1628, 82.5835,
88.2382

■ 7.4295, 7.4599,
7.7867

104.1685,
107.5039, 115.0480

■ 3.7808, 3.7514,
3.8730

132.5439,
136.9920, 146.8028

■ 1.5789, 1.5355,
1.5559

165.6541,
171.4324, 183.9212

■ 0.3786, 0.3135,
0.2591

203.8647,

■ 0.0000, 0.0000,

211.2094, 226.8217

0.0000

247.5409,
256.7074, 275.9228

■ 30.7094, 31.3856,
33.2936

■ 30.7094, 31.3856,
33.2936

■ 27.1485, 26.1753,
26.2127

■ 34.7899, 37.3562,
41.4057

■ 24.0838, 21.6911,
20.1196

■ 39.4070, 44.1117,
50.5858

■ 21.4942, 17.9018,
14.9713

■ 44.5799, 51.6806,
60.8713

■ 19.3558, 14.7728,
10.7203

■ 50.3264, 60.0885,
72.2975

■ 17.6430, 12.2663,
7.3153

■ 56.6633, 69.3603,
84.8977

■ 16.3271, 10.3407,
4.6999

■ 63.6067, 79.5196,
98.7043

■ 15.3764, 8.9494,
2.8105

■ 68.1082, 86.1110,
107.6391

■ 14.7542, 8.0387,
1.5742

■ 14.4114, 7.5370,
0.8934

Harmonies

Analogous

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



30.7486, 31.3856, 34.6527



30.7094, 31.3856, 33.2936



30.4334, 31.3856, 32.1986

Triad

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



30.7094, 31.3856, 33.2936



29.1332, 31.3856, 32.4885



29.6649, 31.3856, 36.8414

Complementary

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



30.7094, 31.3856, 33.2936



31.2337, 33.7829, 37.6758

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.



29.2367, 31.3856, 36.2277



30.7094, 31.3856, 33.2936



28.9320, 31.3856, 33.6989

Square

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



30.7094, 31.3856, 33.2936



29.5222, 31.3856, 31.7425



28.9697, 31.3856, 35.0689



30.1421, 31.3856, 36.7258

Rectangle

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



30.7094, 31.3856, 33.2936



30.1539, 31.3856, 31.7541



28.9697, 31.3856, 35.0689



29.5105, 31.3856, 36.7129

Sweetspot

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



30.7103, 31.3870, 33.2943



57.5362, 59.9234, 64.6715



31.4628, 31.6872, 37.2592



12.9908, 13.5379, 14.6184



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.



30.7103, 31.3870, 33.2943



54.0019, 54.7520, 57.6443



31.4418, 32.8499, 33.5381



6.7869, 6.8712, 7.2244



11.2936, 5.8228, 0.5287



0.2020, 0.1042, 0.0095

Inverse Universe

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



31.2337, 33.7829, 37.6758



55.1718, 60.1071, 67.4374



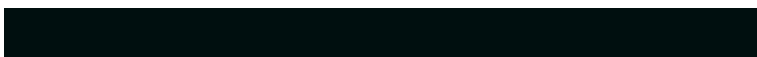
30.4744, 32.2642, 37.4227



6.9395, 7.5699, 8.5021



14.7285, 21.5485, 29.2902



0.2634, 0.3854, 0.5237

Previews

White Background



This preview shows how the XYZ color 30.7094, 31.3856, 33.2936 looks on a white background.

Color Contrast Check

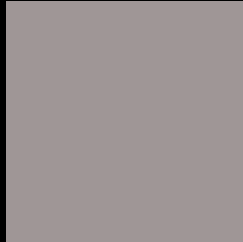
Large Text (above 18pt) WCAG AA × Fail

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 30.7094, 31.3856, 33.2936 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 30.7094, 31.3856, 33.2936

Background



This preview shows how black text looks on a background with the XYZ color 30.7094, 31.3856, 33.2936.

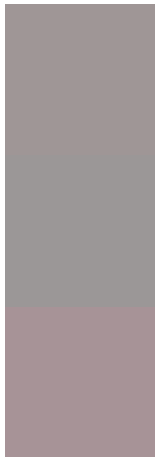


This preview shows how white text looks on a background with the XYZ color 30.7094, 31.3856,

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

30.7094, 31.3856, 33.2936

Protanopia

30.1701, 31.3361, 33.7365

Deuteranopia

31.9560, 31.3173, 33.6387



Tritanopia

31.4323, 31.1915, 37.6216

Trichromacy



Original Color

30.7094, 31.3856, 33.2936

Protanomaly

30.3628, 31.4355, 33.7455

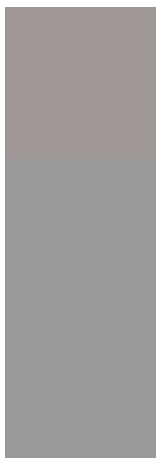
Deuteranomaly

31.4857, 31.3067, 33.6615

Tritanomaly

31.2454, 31.3688, 35.8605

Monochromacy



Original Color

30.7094, 31.3856, 33.2936

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.4133, 31.6920, 34.2200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7094, 31.3856, 33.2936 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(159, 150, 150)` looks like.

```
.text, #text, p{  
    color:rgb(159, 150, 150)  
}
```

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(159, 150, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 150, 150) }
```

Border

The CSS property to change the border of an element to XYZ 30.7094, 31.3856, 33.2936 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(159, 150, 150) }
```


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

```
.border{ border-color:rgb(159, 150, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 150, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 150, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 150, 150);  
box-shadow:4px 4px 4px 4px rgb(159, 150,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7094, 31.3856, 33.2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 150, 150) }
```

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

```
.background{ background-color: rgb(159,  
150, 150) }
```

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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