

Converting Colors

XYZ(31.4453, 32.8620, 34.1947)

Have a look what the booklet for
XYZ(31.4453, 32.8620, 34.1947)
contains.

XYZ(31.4894, 32.9788, 34.4116)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.4894, 32.9788,
34.4116)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9B98
RGB	158, 155, 152
RGB Percent	62%, 61%, 60%
CMY	0.3804, 0.3921, 0.4039
CMYK	0.00, 0.02, 0.04, 0.38
HSL	30°, 3%, 61%
HSV	30°, 4%, 62%
XYZ	31.4894, 32.9788, 34.4116
YIQ	155.5550, 2.7510, -0.2970

Conversions

Conversions Part 2

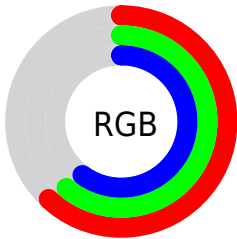
Format	Color
RYB	158, 158, 152
Decimal	10394520
CIELab	64.14, 0.53, 1.95
CIELCh	64, 2.018, 74.819
Yxy	32.9788, 0.3185, 0.3335
Android (android.graphics.Color)	4288584600 (0xFF9E9B98)
YUV	155.5550, -1.7526, 2.1443
Hunter-Lab	57.4272, -2.6195, 4.6712

Details

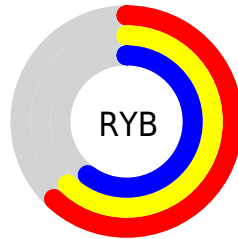
The XYZ color **31.4894, 32.9788, 34.4116** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.8418, 32.5862, 37.0124**, and the grayscale version is **31.4093, 33.0450, 35.9860**.

A 20% lighter version of the original color is **61.3816, 64.2033, 67.5498**, and **13.3627, 13.9660, 14.3033** is the 20% darker color. If you saturate the color by 10%, you get **29.0100, 29.9546, 27.6203**, and if you desaturate by 10%, it is **34.2289, 36.2465, 42.1410**.

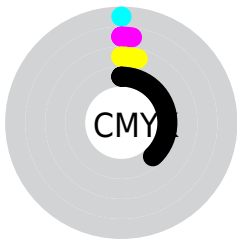
Distribution



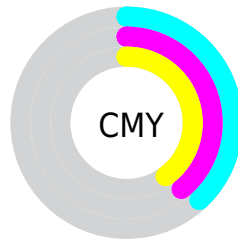
- Red (62%)
- Green (61%)
- Blue (60%)



- Red (62%)
- Yellow (62%)
- Blue (60%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (38%)



- Cyan (38%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4894, 32.9788, 34.4116 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 31.4894, 32.9788, 34.4116 by changing the saturation by 10% instead.

■ 31.4894, 32.9788,
34.4116

■ 31.4894, 32.9788,
34.4116

300.5735,
315.5542, 336.7885

■ 21.1254, 22.1102,
22.9301

■ 61.3804, 64.3424,
67.7144

■ 13.3287, 13.9379,
14.3371

■ 81.6381, 85.6063,
90.3728

■ 7.7338, 8.0775,
8.2140

105.9245,
111.1039, 117.5939

■ 3.9755, 4.1446,
4.1425

134.6049,
141.2199, 149.7962

■ 1.6883, 1.7548,
1.7038

168.0446,
176.3385, 187.3982

■ 0.4489, 0.4587,
0.3634

206.6090,

■ 0.0000, 0.0000,

216.8442, 230.8186

0.0000

250.6635,
263.1213, 280.4759

■ 31.4894, 32.9788,
34.4116

■ 31.4894, 32.9788,
34.4116

■ 29.0100, 29.9546,
27.6203

■ 34.2289, 36.2465,
42.1410

■ 26.7797, 27.1638,
21.7288

■ 37.2338, 39.7593,
50.8404

■ 24.7903, 24.6014,
16.6992

■ 40.5125, 43.5239,
60.5432

■ 23.0325, 22.2610,
12.4902

■ 44.0724, 47.5458,
71.2802

■ 21.4961, 20.1357,
9.0570

■ 47.9204, 51.8301,
83.0810

■ 20.1699, 18.2180,
6.3505

■ 52.0634, 56.3818,
95.9740

■ 19.0419, 16.4999,
4.3158

■ 55.2593, 60.7063,
103.4128

■ 18.0982, 14.9729,
2.8902

■ 57.2593, 64.7063,
104.0794

■ 17.3226, 13.6270,
1.9987

■ 59.3568, 68.9012,
104.7786

Harmonies

Analogous

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



31.7365, 32.9788, 34.8110



31.4894, 32.9788, 34.4116



31.2051, 32.9788, 34.4091

Triad

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



31.4894, 32.9788, 34.4116



30.8174, 32.9788, 36.3121



31.7341, 32.9788, 37.0356

Complementary

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



31.4894, 32.9788, 34.4116



30.8418, 32.5862, 37.0124

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.



31.4860, 32.9788, 37.4504



31.4894, 32.9788, 34.4116



30.9574, 32.9788, 37.0284

Square

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



31.4894, 32.9788, 34.4116



30.8183, 32.9788, 35.4980



31.2018, 32.9788, 37.4478



31.8784, 32.9788, 36.3218

Rectangle

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



31.4894, 32.9788, 34.4116



31.0328, 32.9788, 34.6324



31.2018, 32.9788, 37.4478



31.6600, 32.9788, 37.2151

Sweetspot

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



31.4903, 32.9802, 34.4123



58.5194, 61.4946, 66.2172



31.2456, 32.0926, 35.5585



13.1997, 13.8717, 14.9469



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.



31.4903, 32.9802, 34.4123



56.5737, 59.1523, 60.7932



31.9954, 33.9903, 34.5807



7.1066, 7.4262, 7.5918



13.5763, 10.3882, 1.2896



0.2850, 0.2703, 0.0372

Inverse Universe

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



30.8418, 32.5862, 37.0124



55.0060, 58.1999, 67.0780



30.3491, 31.6010, 36.8482



6.8921, 7.2959, 8.4517



7.2171, 6.5258, 26.7865



0.1713, 0.2013, 0.4930

Previews

White Background



This preview shows how the XYZ color 31.4894, 32.9788, 34.4116 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 31.4894, 32.9788, 34.4116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

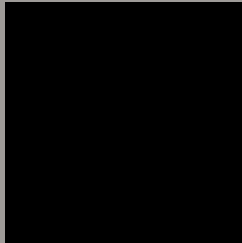
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

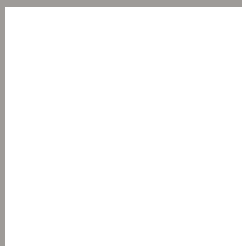
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.4894, 32.9788, 34.4116

Background



This preview shows how black text looks on a background with the XYZ color 31.4894, 32.9788, 34.4116.



This preview shows how white text looks on a background with the XYZ color 31.4894, 32.9788,

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

31.4894, 32.9788, 34.4116

Protanopia

31.6869, 33.0806, 34.4209

Deuteranopia

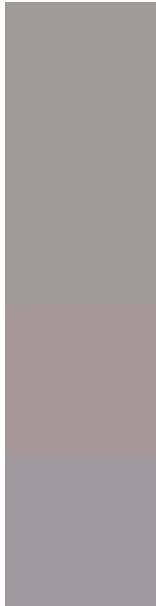
33.4507, 32.7705, 34.6993



Tritanopia

32.6800, 32.9727, 40.2393

Trichromacy



Original Color

31.4894, 32.9788, 34.4116

Protanomaly

31.6869, 33.0806, 34.4209

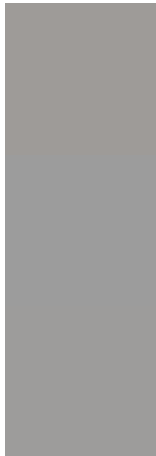
Deuteranomaly

32.7039, 32.8634, 34.7566

Tritanomaly

32.1988, 33.0202, 37.9342

Monochromacy



Original Color

31.4894, 32.9788, 34.4116

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.7095, 33.3116, 35.7689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4894, 32.9788, 34.4116 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, 155, 152)` looks like.

```
.text, #text, p{  
    color:rgb(158, 155, 152)  
}
```

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, 155, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 155, 152) }
```

Border

The CSS property to change the border of an element to XYZ 31.4894, 32.9788, 34.4116 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, 155, 152) }
```


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

```
.border{ border-color:rgb(158, 155, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 155, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 155, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 155, 152);  
box-shadow:4px 4px 4px 4px rgb(158, 155,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4894, 32.9788, 34.4116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 155, 152) }
```

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

```
.background{ background-color: rgb(158,  
155, 152) }
```

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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