

Converting Colors

XYZ(30.4186, 31.9397, 34.1355)

Have a look what the booklet for
XYZ(30.4186, 31.9397, 34.1355)
contains.

XYZ(30.3852, 31.9195, 34.2654)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(30.3852, 31.9195,
34.2654)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9998
RGB	154, 153, 152
RGB Percent	60%, 60%, 60%
CMY	0.3961, 0.4000, 0.4039
CMYK	0.00, 0.01, 0.01, 0.40
HSL	30°, 1%, 60%
HSV	30°, 1%, 60%
XYZ	30.3852, 31.9195, 34.2654
YIQ	153.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

Format	Color
RYB	154, 154, 152
Decimal	10131864
CIELab	63.28, 0.18, 0.64
CIELCh	63, 0.668, 74.803
Yxy	31.9195, 0.3146, 0.3305
Android (android.graphics.Color)	4288321944 (0xFF9A9998)
YUV	153.1850, -0.5842, 0.7148
Hunter-Lab	56.4973, -2.8701, 3.5890

Details

The XYZ color **30.3852, 31.9195, 34.2654** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.1730, 31.7907, 35.1183**, and the grayscale version is **30.3618, 31.9430, 34.7859**.

A 20% lighter version of the original color is **59.4658, 62.4918, 67.3205**, and **12.6939, 13.3259, 14.2150** is the 20% darker color. If you saturate the color by 10%, you get **27.9883, 29.0146, 27.6424**, and if you desaturate by 10%, it is **33.0286, 35.0546, 41.7794**.

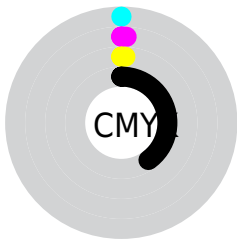
Distribution



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



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



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3852, 31.9195, 34.2654 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 30.3852, 31.9195, 34.2654 by changing the saturation by 10% instead.

■ 30.3852, 31.9195,
34.2654

■ 30.3852, 31.9195,
34.2654

295.5736,
310.7524, 336.1191

■ 20.2807, 21.3000,
22.8186

■ 59.6533, 62.6849,
67.4848

■ 12.7087, 13.3435,
14.2555

■ 79.5475, 83.5995,
90.0944

■ 7.3039, 7.6655,
8.1578

103.4357,
108.7147, 117.2620

■ 3.7009, 3.8817,
4.1069

131.6833,
138.4149, 149.4062

■ 1.5343, 1.6076,
1.6842

164.6555,
173.0843, 186.9454

■ 0.3490, 0.3627,
0.3498

202.7177,

■ 0.0000, 0.0000,

213.1074, 230.2983

0.0000

246.2352,
258.8687, 279.8833

■ 30.3852, 31.9195,
34.2654

■ 30.3852, 31.9195,
34.2654

■ 27.9883, 29.0146,
27.6424

■ 33.0286, 35.0546,
41.7794

■ 25.8275, 26.3301,
21.8748

■ 35.9233, 38.4210,
50.2141

■ 23.8954, 23.8618,
16.9278

■ 39.0772, 42.0251,
59.6001

■ 22.1834, 21.6035,
12.7632

■ 42.4971, 45.8721,
69.9663

■ 20.6820, 19.5488,
9.3399

■ 46.1893, 49.9665,
81.3401

■ 19.3812, 17.6910,
6.6130

■ 50.1604, 54.3132,
93.7480

■ 18.2697, 16.0227,
4.5324

■ 53.6332, 58.6033,
103.0925

■ 17.3351, 14.5360,
3.0416

■ 55.5368, 62.4104,
103.7271

■ 16.5628, 13.2221,
2.0736

■ 57.5321, 66.4011,
104.3922

Harmonies

Analogous

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



30.4650, 31.9195, 34.3970



30.3852, 31.9195, 34.2654



30.2931, 31.9195, 34.2645

Triad

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



30.3852, 31.9195, 34.2654



30.1668, 31.9195, 34.8853



30.4641, 31.9195, 35.1178

Complementary

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



30.3852, 31.9195, 34.2654



30.1730, 31.7907, 35.1183

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.



30.3840, 31.9195, 35.2500



30.3852, 31.9195, 34.2654



30.2124, 31.9195, 35.1153

Square

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



30.3852, 31.9195, 34.2654



30.1671, 31.9195, 34.6215



30.2919, 31.9195, 35.2491



30.5106, 31.9195, 34.8887

Rectangle

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



30.3852, 31.9195, 34.2654



30.2371, 31.9195, 34.3381



30.2919, 31.9195, 35.2491



30.4402, 31.9195, 35.1751

Sweetspot

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



30.3861, 31.9209, 34.2661



55.7959, 58.7016, 63.9261



30.3050, 31.6269, 34.6449



12.6291, 13.2868, 14.4694



74.8435, 78.7412, 85.7492

Same Dimension

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



30.3861, 31.9209, 34.2661



54.8599, 57.5804, 61.2993



30.5501, 32.2488, 34.3207



6.8557, 7.1974, 7.6791



13.0665, 10.0155, 1.2445



0.2317, 0.2224, 0.0307

Inverse Universe

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



30.1730, 31.7907, 35.1183



54.2546, 57.2107, 63.7195



30.0104, 31.4655, 35.0641



6.7874, 7.1556, 7.9524



6.9389, 6.2746, 25.7531



0.1401, 0.1665, 0.3971

Previews

White Background



This preview shows how the XYZ color 30.3852, 31.9195, 34.2654 looks on a white background.

Color Contrast Check

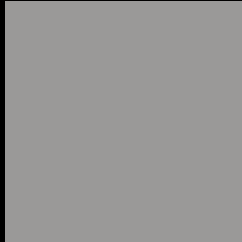
Large Text (above 18pt) WCAG AA × Fail

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 30.3852, 31.9195, 34.2654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

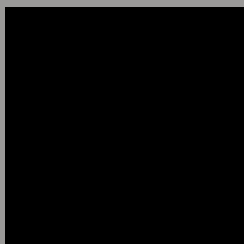
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

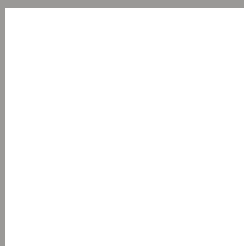
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3852, 31.9195, 34.2654

Background



This preview shows how black text looks on a background with the XYZ color 30.3852, 31.9195, 34.2654.



This preview shows how white text looks on a background with the XYZ color 30.3852, 31.9195,

34.2654.

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

30.3852, 31.9195, 34.2654

Protanopia

30.6060, 31.7914, 34.2290

Deuteranopia

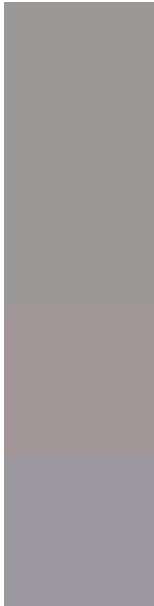
32.4881, 31.8045, 34.5636



Tritanopia

31.3878, 31.8455, 39.1428

Trichromacy



Original Color

30.3852, 31.9195, 34.2654

Protanomaly

30.4133, 31.6920, 34.2200

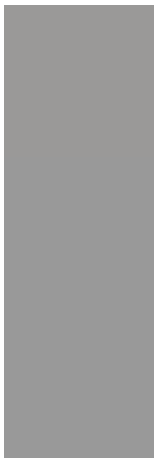
Deuteranomaly

31.7604, 31.8991, 34.6202

Tritanomaly

31.0038, 31.9282, 37.3296

Monochromacy



Original Color

30.3852, 31.9195, 34.2654

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.2779, 31.8547, 34.6897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3852, 31.9195, 34.2654 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(154, 153, 152)` looks like.

```
.text, #text, p{  
    color:rgb(154, 153, 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(154, 153, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 153, 152) }
```

Border

The CSS property to change the border of an element to XYZ 30.3852, 31.9195, 34.2654 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(154, 153, 152) }
```

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

```
.border{ border-color:rgb(154, 153, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 153, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 153, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 153, 152);  
box-shadow:4px 4px 4px 4px rgb(154, 153,  
152) }
```


Background

The CSS property to change the background color of an element to XYZ 30.3852, 31.9195, 34.2654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 153, 152) }
```

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

```
.background{ background-color: rgb(154,  
153, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor