

Converting Colors

XYZ(37.4927, 38.9894, 31.9353)

Have a look what the booklet for
XYZ(37.4927, 38.9894, 31.9353)
contains.

XYZ(37.4927, 38.9894, 31.9352)	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(37.4927, 38.9894,
31.9352)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A690
RGB	180, 166, 144
RGB Percent	71%, 65%, 56%
CMY	0.2941, 0.3490, 0.4353
CMYK	0.00, 0.08, 0.20, 0.29
HSL	37°, 19%, 64%
HSV	37°, 20%, 71%
XYZ	37.4927, 38.9894, 31.9352
YIQ	167.6780, 15.4060, -3.8740

Conversions

Conversions Part 2

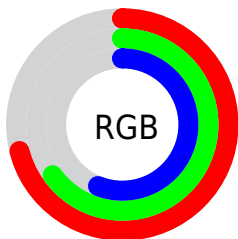
Format	Color
RYB	167, 180, 144
Decimal	11839120
CIELab	68.74, 1.42, 13.23
CIElCh	69, 13.304, 83.865
Yxy	38.9894, 0.3458, 0.3596
Android (android.graphics.Color)	4290029200 (0xFFB4A690)
YUV	167.6780, -11.6733, 10.8064
Hunter-Lab	62.4415, -2.0931, 13.3857

Details

The XYZ color **37.4927, 38.9894, 31.9352** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.9665, 33.6776, 47.9959**, and the grayscale version is **37.1126, 39.0453, 42.5204**.

A 20% lighter version of the original color is **70.6416, 73.6230, 63.9135**, and **16.7901, 17.3548, 13.0546** is the 20% darker color. If you saturate the color by 10%, you get **34.9878, 36.0083, 24.8453**, and if you desaturate by 10%, it is **40.2884, 42.2003, 40.2051**.

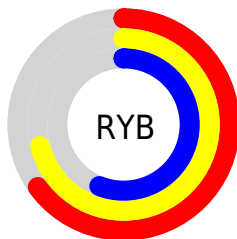
Distribution



Red (71%)

Green (65%)

Blue (56%)



Red (65%)

Yellow (71%)

Blue (56%)

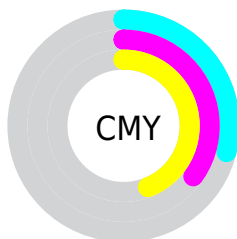


Cyan (0%)

Magenta (8%)

Yellow (20%)

Black (29%)



Cyan (29%)


Magenta (35%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.4927, 38.9894, 31.9352 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 37.4927, 38.9894, 31.9352 by changing the saturation by 10% instead.


 37.4927, 38.9894,
31.9352


 37.4927, 38.9894,
31.9352


326.7574,
341.8454, 325.3076

 25.7646, 26.7515,
21.0476


 70.6388, 73.6221,
63.8062

 16.7794, 17.3867,
12.9672


 92.7876, 96.7857,
85.6267

 10.1717, 10.5106,
7.2755


119.1406,
124.3600, 111.9286

 5.5761, 5.7388,
3.5539

150.0633,
156.7294, 143.1304

 2.6272, 2.6869,
1.3840

185.9210,
194.2782, 179.6506

 0.9599, 0.9705,
0.1292

227.0789,

 0.0000, 0.0000,

237.3909, 221.9079

0.0000

273.9026,
286.4518, 270.3207

■ 37.4927, 38.9894,
31.9352

■ 37.4927, 38.9894,
31.9352

■ 34.9878, 36.0083,
24.8453

■ 40.2884, 42.2003,
40.2051

■ 32.7590, 33.2453,
18.8781

■ 43.3824, 45.6416,
49.7040

■ 30.7950, 30.6955,
13.9749

■ 46.7859, 49.3209,
60.4810

■ 29.0825, 28.3517,
10.0707

■ 50.5086, 53.2437,
72.5818

■ 27.6066, 26.2060,
7.0934

■ 54.5596, 57.4152,
86.0498

■ 26.3506, 24.2500,
4.9610

■ 58.9478, 61.8404,
100.9264

■ 25.2950, 22.4737,
3.5770

■ 61.1709, 65.5201,
104.0303

■ 24.4005, 20.8594,
2.7402

■ 62.9911, 69.1606,
104.6371

■ 24.4005, 20.8593,
2.7402

■ 64.8886, 72.9554,
105.2696

Harmonies

Analogous

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



39.4976, 38.9894, 33.7591



37.4927, 38.9894, 31.9352



35.4441, 38.9894, 32.7064

Triad

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



37.4927, 38.9894, 31.9352



33.4773, 38.9894, 47.3194



40.4256, 38.9894, 49.6649

Complementary

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



37.4927, 38.9894, 31.9352



31.9665, 33.6776, 47.9959

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.



38.7207, 38.9894, 53.9653



37.4927, 38.9894, 31.9352



34.7214, 38.9894, 52.5240

Square

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



37.4927, 38.9894, 31.9352



33.1764, 38.9894, 41.2255



36.6272, 38.9894, 55.0581



41.2317, 38.9894, 43.7043

Rectangle

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



37.4927, 38.9894, 31.9352



34.3226, 38.9894, 34.6289



36.6272, 38.9894, 55.0581



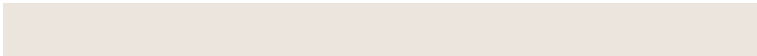
39.9355, 38.9894, 51.3744

Sweetspot

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



37.4937, 38.9911, 31.9360



75.1714, 78.8985, 79.3415



35.0021, 32.1328, 36.8865



16.1711, 16.9677, 16.9159



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



37.4937, 38.9911, 31.9360



65.9160, 68.2630, 51.9774



39.3508, 43.9333, 32.7921



8.9141, 9.3408, 8.9856



17.0966, 14.6919, 1.9347



0.5926, 0.5715, 0.0791

Inverse Universe

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



31.9665, 33.6776, 47.9959



54.0632, 56.8699, 86.4222



30.3525, 29.5010, 47.2749



8.3039, 8.7540, 10.7584



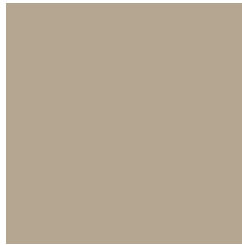
7.3387, 5.4778, 30.8075



0.2885, 0.2876, 0.9885

Previews

White Background



This preview shows how the XYZ color 37.4927, 38.9894, 31.9352 looks on a white background.

Color Contrast Check

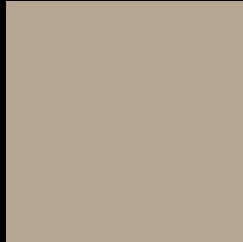
Large Text (above 18pt) WCAG AA × Fail

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 37.4927, 38.9894, 31.9352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

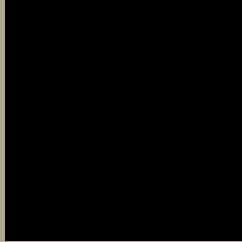
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4927, 38.9894, 31.9352

Background



This preview shows how black text looks on a background with the XYZ color 37.4927, 38.9894, 31.9352.



This preview shows how white text looks on a background with the XYZ color 37.4927, 38.9894,

31.9352.

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

37.4927, 38.9894, 31.9352

Protanopia

36.8340, 38.9119, 32.3574

Deuteranopia

39.5939, 38.7405, 32.1789



Tritanopia

40.3275, 39.0870, 45.4635

Trichromacy



Original Color

37.4927, 38.9894, 31.9352

Protanomaly

37.0610, 39.0289, 32.3681

Deuteranomaly

38.9471, 38.9301, 32.2496

Tritanomaly

39.2365, 38.9060, 40.0920

Monochromacy



Original Color

37.4927, 38.9894, 31.9352

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.0900, 38.9113, 38.3567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4927, 38.9894, 31.9352 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(180, 166, 144)` looks like.

```
.text, #text, p{  
    color:rgb(180, 166, 144)  
}
```

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(180, 166, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 166, 144) }
```

Border

The CSS property to change the border of an element to XYZ 37.4927, 38.9894, 31.9352 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(180, 166, 144) }
```


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

```
.border{ border-color:rgb(180, 166, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 166, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 166, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 166, 144);  
box-shadow:4px 4px 4px 4px rgb(180, 166,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4927, 38.9894, 31.9352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 166, 144) }
```

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

```
.background{ background-color: rgb(180,  
166, 144) }
```

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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