

Converting Colors

XYZ(30.5086, 31.9937, 33.7924)

Have a look what the booklet for
XYZ(30.5086, 31.9937, 33.7924)
contains.

XYZ(30.4947, 31.9854, 33.8447)	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(30.4947, 31.9854,
33.8447)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9997
RGB	155, 153, 151
RGB Percent	61%, 60%, 59%
CMY	0.3922, 0.4000, 0.4078
CMYK	0.00, 0.01, 0.03, 0.39
HSL	30°, 2%, 60%
HSV	30°, 3%, 61%
XYZ	30.4947, 31.9854, 33.8447
YIQ	153.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

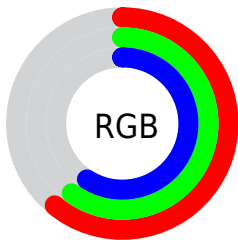
Format	Color
RYB	155, 155, 151
Decimal	10197399
CIELab	63.33, 0.35, 1.30
CIELCh	63, 1.344, 74.893
Yxy	31.9854, 0.3166, 0.3321
Android (android.graphics.Color)	4288387479 (0xFF9B9997)
YUV	153.3700, -1.1684, 1.4295
Hunter-Lab	56.5556, -2.7255, 4.1079

Details

The XYZ color **30.4947, 31.9854, 33.8447** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0701, 31.7278, 35.5499**, and the grayscale version is **30.4446, 32.0301, 34.8808**.

A 20% lighter version of the original color is **59.6268, 62.5887, 66.6958**, and **12.7605, 13.3659, 13.9639** is the 20% darker color. If you saturate the color by 10%, you get **28.0922, 29.0640, 27.2363**, and if you desaturate by 10%, it is **33.1467, 35.1401, 41.3536**.

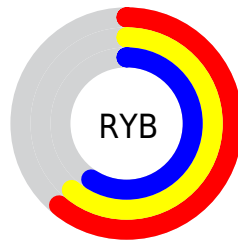
Distribution



Red (61%)

Green (60%)

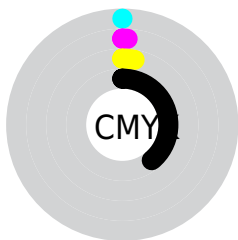
Blue (59%)



Red (61%)

Yellow (61%)

Blue (59%)

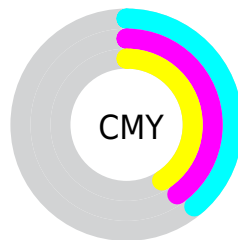


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (39%)



Cyan (39%)

Magenta (40%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4947, 31.9854, 33.8447 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 30.4947, 31.9854, 33.8447 by changing the saturation by 10% instead.

■ 30.4947, 31.9854,
33.8447

■ 30.4947, 31.9854,
33.8447

296.0722,
311.0527, 334.1870

■ 20.3643, 21.3503,
22.4979

■ 59.8249, 62.7882,
66.8232

■ 12.7699, 13.3803,
14.0214

■ 79.7555, 83.7247,
89.2921

■ 7.3462, 7.6910,
7.9966

103.6834,
108.8639, 116.3053

■ 3.7278, 3.8978,
4.0051

131.9742,
138.5901, 148.2815

■ 1.5493, 1.6166,
1.6281

164.9931,
173.2876, 185.6393

■ 0.3590, 0.3687,
0.3108

203.1055,

■ 0.0000, 0.0000,

213.3410, 228.7971

0.0000

246.6768,
259.1346, 278.1735

■ 30.4947, 31.9854,
33.8447

■ 30.4947, 31.9854,
33.8447

■ 28.0922, 29.0640,
27.2363

■ 33.1467, 35.1401,
41.3536

■ 25.9286, 26.3661,
21.4922

■ 36.0530, 38.5294,
49.7934

■ 23.9964, 23.8872,
16.5764

■ 39.2219, 42.1599,
59.1955

■ 22.2865, 21.6210,
12.4500

■ 42.6601, 46.0367,
69.5893

■ 20.7894, 19.5611,
9.0707

■ 46.3744, 50.1646,
81.0029

■ 19.4946, 17.7004,
6.3921

■ 50.3711, 54.5483,
93.4633

■ 18.3907, 16.0314,
4.3628

■ 53.9230, 58.8992,
103.1344

■ 17.4647, 14.5460,
2.9241

■ 55.8462, 62.7456,
103.7754

■ 16.7016, 13.2350,
2.0064

■ 57.8627, 66.7785,
104.4476

Harmonies

Analogous

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



30.6559, 31.9854, 34.1070



30.4947, 31.9854, 33.8447



30.3091, 31.9854, 33.8437

Triad

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



30.4947, 31.9854, 33.8447



30.0560, 31.9854, 35.0912



30.6549, 31.9854, 35.5592

Complementary

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



30.4947, 31.9854, 33.8447



30.0701, 31.7278, 35.5499

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.



30.4934, 31.9854, 35.8284



30.4947, 31.9854, 33.8447



30.1479, 31.9854, 35.5564

Square

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



30.4947, 31.9854, 33.8447



30.0563, 31.9854, 34.5597



30.3078, 31.9854, 35.8274



30.7486, 31.9854, 35.0950

Rectangle

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



30.4947, 31.9854, 33.8447



30.1965, 31.9854, 33.9912



30.3078, 31.9854, 35.8274



30.6067, 31.9854, 35.6757

Sweetspot

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



30.4956, 31.9868, 33.8454



55.3253, 58.1384, 62.6042



30.3344, 31.4022, 34.5998



12.5289, 13.1669, 14.1879



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



30.4956, 31.9868, 33.8454



54.3980, 57.0248, 60.0109



30.8252, 32.6460, 33.9553



6.7518, 7.0723, 7.3893



13.0618, 10.0060, 1.2429



0.2316, 0.2223, 0.0307

Inverse Universe

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



30.0701, 31.7278, 35.5499



53.4976, 56.4768, 63.6178



29.7459, 31.0796, 35.4419



6.6170, 6.9903, 7.9295



6.9437, 6.2840, 25.7547



0.1401, 0.1666, 0.3971

Previews

White Background



This preview shows how the XYZ color 30.4947, 31.9854, 33.8447 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 30.4947, 31.9854, 33.8447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

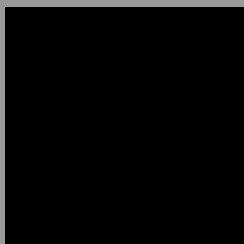
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

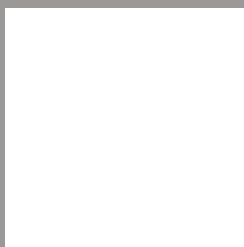
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4947, 31.9854, 33.8447

Background



This preview shows how black text looks on a background with the XYZ color 30.4947, 31.9854, 33.8447.



This preview shows how white text looks on a background with the XYZ color 30.4947, 31.9854,

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

30.4947, 31.9854, 33.8447

Protanopia

30.6874, 32.0848, 33.8537

Deuteranopia

32.4058, 31.7716, 34.1303



Tritanopia

31.5821, 31.9457, 39.1519

Trichromacy



Original Color

30.4947, 31.9854, 33.8447

Protanomaly

30.6874, 32.0848, 33.8537

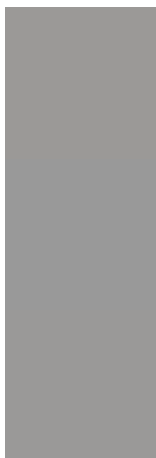
Deuteranomaly

31.6781, 31.8662, 34.1869

Tritanomaly

31.1965, 32.0276, 37.3386

Monochromacy



Original Color

30.4947, 31.9854, 33.8447

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.3852, 31.9195, 34.2654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4947, 31.9854, 33.8447 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(155, 153, 151)` looks like.

```
.text, #text, p{  
    color:rgb(155, 153, 151)  
}
```

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(155, 153, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 153, 151) }
```

Border

The CSS property to change the border of an element to XYZ 30.4947, 31.9854, 33.8447 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(155, 153, 151) }
```


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

```
.border{ border-color:rgb(155, 153, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 153, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 153, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 153, 151);  
box-shadow:4px 4px 4px 4px rgb(155, 153,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4947, 31.9854, 33.8447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 153, 151) }
```

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

```
.background{ background-color: rgb(155,  
153, 151) }
```

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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