

Converting Colors

XYZ(31.7886, 37.2765, 25.9417)

Have a look what the booklet for
XYZ(31.7886, 37.2765, 25.9417)
contains.

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Color

**XYZ(31.7886, 37.2765,
25.9417)**

Conversions

Conversions Part 1

Format	Color
Hex	9BAA80
RGB	155, 170, 128
RGB Percent	61%, 67%, 50%
CMY	0.3922, 0.3333, 0.4980
CMYK	0.09, 0.00, 0.25, 0.33
HSL	81°, 20%, 58%
HSV	81°, 25%, 67%
XYZ	31.7886, 37.2765, 25.9417
YIQ	160.7270, 4.5420, -16.2420

Conversions

Conversions Part 2

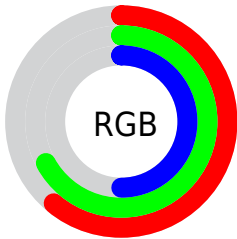
Format	Color
RYB	128, 170, 143
Decimal	10201728
CIELab	67.48, -12.78, 19.95
CIELCh	67, 23.691, 122.636
Yxy	37.2765, 0.3346, 0.3924
Android (android.graphics.Color)	4288391808 (0xFF9BAA80)
YUV	160.7270, -16.1344, -5.0226
Hunter-Lab	61.0545, -13.9076, 17.5462

Details

The XYZ color **31.7886, 37.2765, 25.9417** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.3039, 24.1812, 41.3133**, and the grayscale version is **33.8214, 35.5827, 38.7496**.

A 20% lighter version of the original color is **61.8440, 70.8883, 54.1393**, and **13.4832, 16.4049, 9.8530** is the 20% darker color. If you saturate the color by 10%, you get **29.6261, 36.2815, 20.4808**, and if you desaturate by 10%, it is **34.1992, 38.3800, 32.3944**.

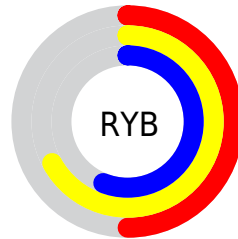
Distribution



Red (61%)

Green (67%)

Blue (50%)



Red (50%)

Yellow (67%)

Blue (56%)

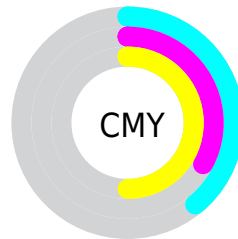


Cyan (9%)

Magenta (0%)

Yellow (25%)

Black (33%)



Cyan (39%)

Magenta (33%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7886, 37.2765, 25.9417 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 31.7886, 37.2765, 25.9417 by changing the saturation by 10% instead.

■ 31.7886, 37.2765,
25.9417

■ 31.7886, 37.2765,
25.9417

301.9176,
334.5061, 296.0921

■ 21.3548, 25.4216,
16.5547

■ 61.8470, 70.9978,
54.1638

■ 13.4976, 16.3915,
9.7589

■ 82.2023, 93.6331,
73.8360

■ 7.8514, 9.8016,
5.1359

■ 106.5955,
120.6306, 97.7735

■ 4.0510, 5.2676,
2.2671

135.3920,
152.3748, 126.3951

■ 1.7310, 2.4051,
0.7127

168.9571,
189.2501, 160.1192

■ 0.4756, 0.8285,
0.0000

207.6561,

■ 0.0000, 0.0000,

231.6408, 199.3644

0.0000

251.8545,
279.9313, 244.5492

■ 31.7886, 37.2765,
25.9417

■ 31.7886, 37.2765,
25.9417

■ 29.6261, 36.2815,
20.4808

■ 34.1992, 38.3800,
32.3944

■ 27.6986, 35.3859,
15.9601

■ 36.8644, 39.5910,
39.8824

■ 25.9961, 34.5868,
12.3270

■ 39.7943, 40.9149,
48.4492

■ 24.5064, 33.8794,
9.5227

■ 42.9973, 42.3550,
58.1355

■ 23.2162, 33.2582,
7.4813

■ 46.4815, 43.9148,
68.9797

■ 22.1102, 32.7168,
6.1269

■ 50.2546, 45.5973,
81.0182

■ 21.1698, 32.2479,
5.3671

■ 54.3239, 47.4057,
94.2862

■ 20.7165, 32.0199,
5.0886

■ 57.2126, 48.7492,
101.0018

■ 58.9052, 49.6218,
101.0811

Harmonies

Analogous

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



35.1093, 37.2765, 23.6787



31.7886, 37.2765, 25.9417



29.5716, 37.2765, 32.0552

Triad

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



31.7886, 37.2765, 25.9417



32.3100, 37.2765, 61.1155



42.8906, 37.2765, 39.6730

Complementary

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



31.7886, 37.2765, 25.9417



26.3039, 24.1812, 41.3133

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.



42.0156, 37.2765, 50.5142



31.7886, 37.2765, 25.9417



35.7530, 37.2765, 64.0804

Square

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



31.7886, 37.2765, 25.9417



29.8578, 37.2765, 52.3841



39.3398, 37.2765, 59.9125



41.6560, 37.2765, 30.7103

Rectangle

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



31.7886, 37.2765, 25.9417



28.9333, 37.2765, 38.0728



39.3398, 37.2765, 59.9125



42.8335, 37.2765, 43.2111

Sweetspot

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



31.7896, 37.2781, 25.9425



65.6695, 71.2798, 68.8941



30.2526, 29.6607, 24.5532



14.5816, 15.8671, 15.1851



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



31.7896, 37.2781, 25.9425



55.3316, 66.5556, 41.0706



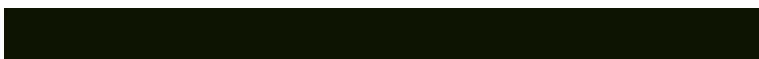
28.1516, 35.4027, 25.7722



7.8830, 8.6378, 8.0411



15.3009, 23.5851, 3.7459



0.4249, 0.6010, 0.0936

Inverse Universe

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



26.3039, 24.1812, 41.3133



43.5414, 38.3987, 74.1187



30.2242, 26.2022, 41.4967



7.3753, 7.4261, 9.4630



6.7966, 2.8872, 28.1746



0.2211, 0.0990, 0.6881

Previews

White Background



This preview shows how the XYZ color 31.7886, 37.2765, 25.9417 looks on a white background.

Color Contrast Check

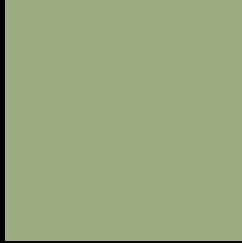
Large Text (above 18pt) WCAG AA × Fail

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 31.7886, 37.2765, 25.9417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

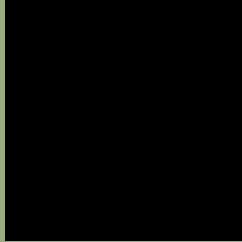
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.7886, 37.2765, 25.9417

Background



This preview shows how black text looks on a background with the XYZ color 31.7886, 37.2765, 25.9417.



This preview shows how white text looks on a background with the XYZ color 31.7886, 37.2765,

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

31.7886, 37.2765, 25.9417

Protanopia

34.6563, 37.1455, 24.7453

Deuteranopia

37.8095, 37.1688, 26.6542



Tritanopia

36.1116, 37.4066, 46.9119

Trichromacy



Original Color

31.7886, 37.2765, 25.9417

Protanomaly

33.5506, 37.1036, 25.1321

Deuteranomaly

35.3097, 36.9173, 26.3838

Tritanomaly

34.1923, 37.1466, 38.1688

Monochromacy



Original Color

31.7886, 37.2765, 25.9417

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.9984, 36.0918, 33.6610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7886, 37.2765, 25.9417 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, 170, 128)` looks like.

```
.text, #text, p{  
    color:rgb(155, 170, 128)  
}
```

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, 170, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 170, 128) }
```

Border

The CSS property to change the border of an element to XYZ 31.7886, 37.2765, 25.9417 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, 170, 128) }
```


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

```
.border{ border-color:rgb(155, 170, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 170, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 170, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 170, 128);  
box-shadow:4px 4px 4px 4px rgb(155, 170,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7886, 37.2765, 25.9417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 170, 128) }
```

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

```
.background{ background-color: rgb(155,  
170, 128) }
```

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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