

Converting Colors

XYZ(31.5804, 37.4053, 26.0212)

Have a look what the booklet for
XYZ(31.5804, 37.4053, 26.0212)
contains.

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Color

**XYZ(31.5961, 37.4566,
25.9866)**

Conversions

Conversions Part 1

Format	Color
Hex	99AB80
RGB	153, 171, 128
RGB Percent	60%, 67%, 50%
CMY	0.4000, 0.3294, 0.4980
CMYK	0.11, 0.00, 0.25, 0.33
HSL	85°, 20%, 59%
HSV	85°, 25%, 67%
XYZ	31.5961, 37.4566, 25.9866
YIQ	160.7160, 3.0750, -17.1890

Conversions

Conversions Part 2

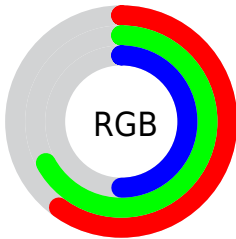
Format	Color
R_{YB}	128, 171, 146
Decimal	10070912
CIE _{Lab}	67.62, -14.06, 20.11
CIE _{LCh}	68, 24.537, 124.953
Yxy	37.4566, 0.3325, 0.3941
Android (android.graphics.Color)	4288260992 (0xFF99AB80)
YUV	160.7160, -16.1290, -6.7669
Hunter-Lab	61.2018, -14.9506, 17.6664

Details

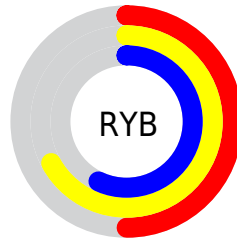
The XYZ color **31.5961, 37.4566, 25.9866** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.9253, 24.4905, 41.8381**, and the grayscale version is **33.8168, 35.5779, 38.7443**.

A 20% lighter version of the original color is **61.5493, 71.1388, 54.2032**, and **13.4876, 16.5829, 9.8871** is the 20% darker color. If you saturate the color by 10%, you get **29.2534, 36.3693, 20.4886**, and if you desaturate by 10%, it is **34.2116, 38.6649, 32.4892**.

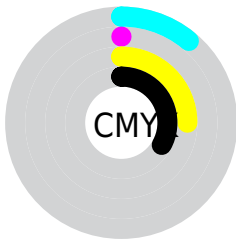
Distribution



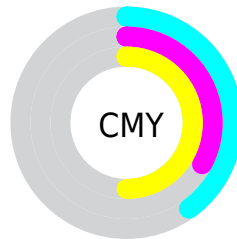
- Red (60%)
- Green (67%)
- Blue (50%)



- Red (50%)
- Yellow (67%)
- Blue (57%)



- Cyan (11%)
- Magenta (0%)
- Yellow (25%)
- Black (33%)



- Cyan (40%)
- Magenta (33%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5961, 37.4566, 25.9866 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 31.5961, 37.4566, 25.9866 by changing the saturation by 10% instead.

■ 31.5961, 37.4566,
25.9866

■ 31.5961, 37.4566,
25.9866

301.0533,
335.2831, 296.3197

■ 21.2072, 25.5612,
16.5879

■ 61.5468, 71.2745,
54.2371

■ 13.3889, 16.4957,
9.7823

■ 81.8394, 93.9658,
73.9261

■ 7.7757, 9.8756,
5.1511

■ 106.1640,
121.0245, 97.8823

■ 4.0024, 5.3165,
2.2759

134.8858,
152.8350, 126.5241

■ 1.7035, 2.4342,
0.7177

168.3703,
189.7817, 160.2703

■ 0.4584, 0.8434,
0.0000

206.9828,

■ 0.0000, 0.0000,

232.2491, 199.5392

0.0000

251.0887,
280.6214, 244.7495

■ 31.5961, 37.4566,
25.9866

■ 31.5961, 37.4566,
25.9866

■ 29.2534, 36.3693,
20.4886

■ 34.2116, 38.6649,
32.4892

■ 27.1697, 35.3936,
15.9425

■ 37.1071, 39.9934,
40.0405

■ 25.3340, 34.5261,
12.2948

■ 40.2933, 41.4479,
48.6851

■ 23.7337, 33.7616,
9.4855

■ 43.7792, 43.0322,
58.4640

■ 22.3543, 33.0942,
7.4473

■ 47.5737, 44.7498,
69.4165

■ 21.1797, 32.5172,
6.1026

■ 51.6849, 46.6042,
81.5797

■ 20.1897, 32.0224,
5.3551

■ 56.1208, 48.5988,
94.9891

■ 19.7545, 31.8033,
5.0975

■ 59.2699, 50.0891,
101.1520

■ 61.3577, 51.1654,
101.2497

Harmonies

Analogous

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



34.9772, 37.4566, 23.3569



31.5961, 37.4566, 25.9866



29.4120, 37.4566, 32.5881

Triad

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



31.5961, 37.4566, 25.9866



32.6110, 37.4566, 62.7077



43.3476, 37.4566, 39.0121

Complementary

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



31.5961, 37.4566, 25.9866



26.9253, 24.4905, 41.8381

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.



42.6033, 37.4566, 50.2501



31.5961, 37.4566, 25.9866



36.2329, 37.4566, 65.2461

Square

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



31.5961, 37.4566, 25.9866



29.9683, 37.4566, 53.9150



39.9316, 37.4566, 60.3427



41.8995, 37.4566, 29.9793

Rectangle

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



31.5961, 37.4566, 25.9866



28.8386, 37.4566, 38.9794



39.9316, 37.4566, 60.3427



43.3464, 37.4566, 42.6432

Sweetspot

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



31.5971, 37.4582, 25.9874



64.8470, 70.8868, 67.4556



30.9582, 30.7498, 24.7262



14.2883, 15.7288, 14.5897



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.



31.5971, 37.4582, 25.9874



54.2674, 66.0070, 41.0208



27.9110, 35.5580, 25.8149



8.3337, 9.1606, 8.5423



14.9523, 24.0052, 3.8454



0.4765, 0.6990, 0.1098

Inverse Universe

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



26.9253, 24.4905, 41.8381



44.5013, 38.8936, 74.1636



31.0957, 26.6405, 42.0332



7.8847, 7.9149, 10.0649



7.5903, 3.2728, 29.2762



0.2744, 0.1237, 0.8174

Previews

White Background



This preview shows how the XYZ color 31.5961, 37.4566, 25.9866 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 31.5961, 37.4566, 25.9866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

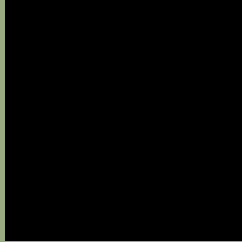
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.5961, 37.4566, 25.9866

Background



This preview shows how black text looks on a background with the XYZ color 31.5961, 37.4566, 25.9866.



This preview shows how white text looks on a background with the XYZ color 31.5961, 37.4566,

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

31.5961, 37.4566, 25.9866

Protanopia

34.8816, 37.2617, 24.7558

Deuteranopia

38.0618, 37.2989, 26.6661



Tritanopia

35.7085, 37.1988, 46.8930

Trichromacy



Original Color

31.5961, 37.4566, 25.9866

Protanomaly

33.7331, 37.4686, 25.1929

Deuteranomaly

35.4866, 37.2711, 26.4428

Tritanomaly

33.9814, 37.3087, 38.2112

Monochromacy



Original Color

31.5961, 37.4566, 25.9866

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.9805, 36.3493, 33.7116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5961, 37.4566, 25.9866 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(153, 171, 128)` looks like.

```
.text, #text, p{  
    color:rgb(153, 171, 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(153, 171, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 171, 128) }
```

Border

The CSS property to change the border of an element to XYZ 31.5961, 37.4566, 25.9866 is called "border". The border property can be set on classes, ids or directly on the HTML element.

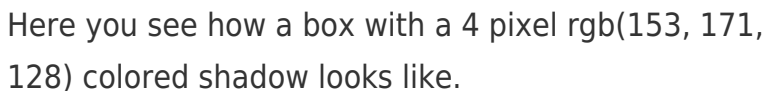
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 171, 128) }
```


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

```
.border{ border-color:rgb(153, 171, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 171, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 171, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 171, 128); box-shadow:4px 4px 4px 4px rgb(153, 171, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5961, 37.4566, 25.9866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 171, 128) }
```

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

```
.background{ background-color: rgb(153,  
171, 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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