

Converting Colors

XYZ(30.1572, 31.5208, 26.8630)

Have a look what the booklet for
XYZ(30.1572, 31.5208, 26.8630)
contains.

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Color

**XYZ(29.9982, 31.4037,
26.6708)**

Conversions

Conversions Part 1

Format	Color
Hex	A19785
RGB	161, 151, 133
RGB Percent	63%, 59%, 52%
CMY	0.3686, 0.4078, 0.4784
CMYK	0.00, 0.06, 0.17, 0.37
HSL	39°, 13%, 58%
HSV	39°, 17%, 63%
XYZ	29.9982, 31.4037, 26.6708
YIQ	151.9380, 11.7380, -3.4780

Conversions

Conversions Part 2

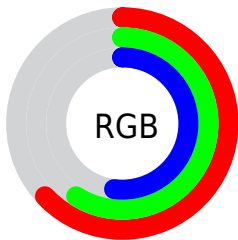
Format	Color
RYB	149, 161, 133
Decimal	10590085
CIELab	62.85, 0.57, 10.81
CIElCh	63, 10.820, 86.990
Yxy	31.4037, 0.3406, 0.3566
Android (android.graphics.Color)	4288780165 (0xFFA19785)
YUV	151.9380, -9.3364, 7.9474
Hunter-Lab	56.0390, -2.5155, 11.0092

Details

The XYZ color **29.9982, 31.4037, 26.6708** is a light color, and the websafe version is hex **999999**. A complement of this color would be **25.9283, 27.2043, 37.6029**, and the grayscale version is **29.8544, 31.4092, 34.2046**.

A 20% lighter version of the original color is **59.0132, 61.8067, 55.2739**, and **12.4252, 12.9901, 10.0361** is the 20% darker color. If you saturate the color by 10%, you get **28.0677, 29.1882, 20.9538**, and if you desaturate by 10%, it is **32.1461, 33.7805, 33.3023**.

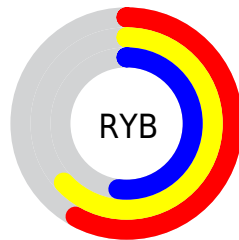
Distribution



Red (63%)

Green (59%)

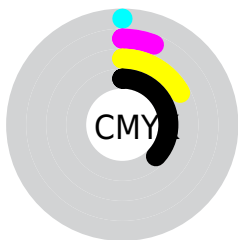
Blue (52%)



Red (58%)

Yellow (63%)

Blue (52%)

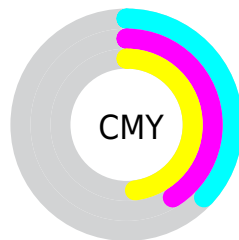


Cyan (0%)

Magenta (6%)

Yellow (17%)

Black (37%)



Cyan (37%)

Magenta (41%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9982, 31.4037, 26.6708 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 29.9982, 31.4037, 26.6708 by changing the saturation by 10% instead.

■ 29.9982, 31.4037,
26.6708

■ 29.9982, 31.4037,
26.6708

293.8060,
308.3939, 299.7692

■ 19.9853, 20.9064,
17.0959

■ 59.0460, 61.8751,
55.3525

■ 12.4926, 13.0556,
10.1402

■ 78.8116, 82.6180,
75.2963

■ 7.1546, 7.4669,
5.3852

■ 102.5587,
107.5450, 99.5335

■ 3.6062, 3.7558,
2.4123

130.6529,
137.0404, 128.4826

■ 1.4818, 1.5379,
0.7931

163.4593,
171.4885, 162.5622

■ 0.3134, 0.3152,
0.0000

201.3434,

■ 0.0000, 0.0000,

211.2739, 202.1908

0.0000

244.6705,
256.7809, 247.7870

■ 29.9982, 31.4037,
26.6708

■ 29.9982, 31.4037,
26.6708

■ 28.0677, 29.1882,
20.9538

■ 32.1461, 33.7805,
33.3023

■ 26.3436, 27.1253,
16.1082

■ 34.5166, 36.3184,
40.8845

■ 24.8177, 25.2119,
12.0906

■ 37.1182, 39.0230,
49.4543

■ 23.4805, 23.4430,
8.8529

■ 39.9577, 41.8978,
59.0460

■ 22.3210, 21.8132,
6.3422

■ 43.0420, 44.9466,
69.6922

■ 21.3275, 20.3166,
4.4988

■ 46.3776, 48.1728,
81.4240

■ 20.4859, 18.9465,
3.2533

■ 49.9705, 51.5799,
94.2712

■ 19.7744, 17.6930,
2.4935

■ 52.7121, 54.7253,
102.3925

■ 19.6000, 17.3809,
2.3218

■ 54.0424, 57.3857,
102.8360

Harmonies

Analogous

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



31.4285, 31.4037, 27.7934



29.9982, 31.4037, 26.6708



28.5730, 31.4037, 27.4217

Triad

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



29.9982, 31.4037, 26.6708



27.3793, 31.4037, 38.0342



32.3033, 31.4037, 38.8369

Complementary

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



29.9982, 31.4037, 26.6708



25.9283, 27.2043, 37.6029

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.



31.1609, 31.4037, 41.9968



29.9982, 31.4037, 26.6708



28.3220, 31.4037, 41.5071

Square

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



29.9982, 31.4037, 26.6708



27.0909, 31.4037, 33.7664



29.6988, 31.4037, 43.0119



32.7867, 31.4037, 34.6237

Rectangle

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



29.9982, 31.4037, 26.6708



27.8118, 31.4037, 28.9209



29.6988, 31.4037, 43.0119



31.9818, 31.4037, 40.0704

Sweetspot

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



29.9990, 31.4051, 26.6715



58.5097, 61.5155, 62.6069



28.0640, 26.3439, 29.6988



12.7726, 13.4270, 13.5424



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



29.9990, 31.4051, 26.6715



52.2950, 54.6203, 43.4741



30.9356, 34.3785, 27.1960



7.4357, 7.8097, 7.4956



15.6932, 13.9604, 1.8675



0.3719, 0.3776, 0.0533

Inverse Universe

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



25.9283, 27.2043, 37.6029



43.5742, 45.6216, 66.8958



25.0939, 24.6446, 37.1528



6.8978, 7.2546, 8.9398



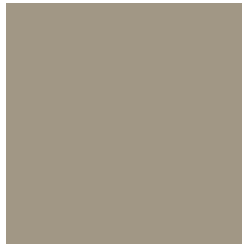
6.3612, 4.5018, 27.4634



0.1771, 0.1815, 0.5916

Previews

White Background



This preview shows how the XYZ color 29.9982, 31.4037, 26.6708 looks on a white background.

Color Contrast Check

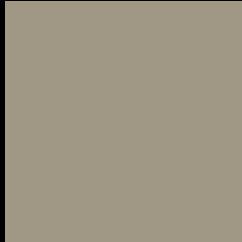
Large Text (above 18pt) WCAG AA × Fail

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 29.9982, 31.4037, 26.6708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

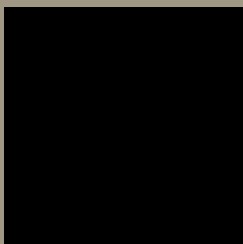
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

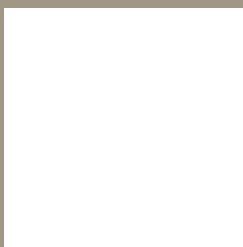
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.9982, 31.4037, 26.6708

Background



This preview shows how black text looks on a background with the XYZ color 29.9982, 31.4037, 26.6708.



This preview shows how white text looks on a background with the XYZ color 29.9982, 31.4037,

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

29.9982, 31.4037, 26.6708

Protanopia

29.7599, 31.5209, 26.7059

Deuteranopia

31.8155, 31.1632, 26.8925



Tritanopia

32.0016, 31.2632, 37.1486

Trichromacy



Original Color

29.9982, 31.4037, 26.6708

Protanomaly

29.9591, 31.6235, 26.7152

Deuteranomaly

31.2552, 31.3361, 26.9554

Tritanomaly

31.1992, 31.1683, 33.2259

Monochromacy



Original Color

29.9982, 31.4037, 26.6708

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.8566, 31.4694, 31.2886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9982, 31.4037, 26.6708 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(161, 151, 133)` looks like.

```
.text, #text, p{  
    color:rgb(161, 151, 133)  
}
```

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(161, 151, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 151, 133) }
```

Border

The CSS property to change the border of an element to XYZ 29.9982, 31.4037, 26.6708 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(161, 151, 133) }
```


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

```
.border{ border-color:rgb(161, 151, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 151, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 151, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 151, 133); box-shadow:4px 4px 4px 4px rgb(161, 151, 133) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9982, 31.4037, 26.6708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 151, 133) }
```

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

```
.background{ background-color: rgb(161,  
151, 133) }
```

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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