

Converting Colors

XYZ(30.9423, 37.0993, 26.1287)

Have a look what the booklet for
XYZ(30.9423, 37.0993, 26.1287)
contains.

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Color

**XYZ(30.9198, 37.1004,
26.3003)**

Conversions

Conversions Part 1

Format	Color
Hex	95AB81
RGB	149, 171, 129
RGB Percent	58%, 67%, 51%
CMY	0.4157, 0.3294, 0.4941
CMYK	0.13, 0.00, 0.25, 0.33
HSL	91°, 20%, 59%
HSV	91°, 25%, 67%
XYZ	30.9198, 37.1004, 26.3003
YIQ	159.6340, 0.3700, -17.7260

Conversions

Conversions Part 2

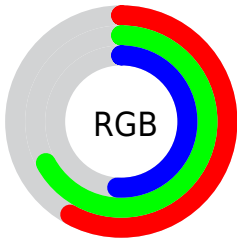
Format	Color
RYB	129, 171, 151
Decimal	9808769
CIELab	67.35, -15.40, 19.16
CIELCh	67, 24.578, 128.799
Yxy	37.1004, 0.3278, 0.3933
Android (android.graphics.Color)	4287998849 (0xFF95AB81)
YUV	159.6340, -15.1026, -9.3260
Hunter-Lab	60.9101, -15.9807, 17.0363

Details

The XYZ color **30.9198, 37.1004, 26.3003** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.9650, 25.2211, 41.9244**, and the grayscale version is **33.3132, 35.0480, 38.1673**.

A 20% lighter version of the original color is **60.2685, 70.4666, 54.6809**, and **13.0451, 16.3548, 9.8664** is the 20% darker color. If you saturate the color by 10%, you get **28.3052, 35.8742, 20.7329**, and if you desaturate by 10%, it is **33.8524, 38.4708, 32.8771**.

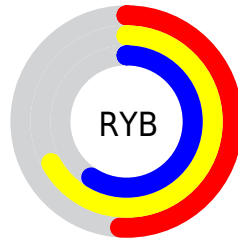
Distribution



Red (58%)

Green (67%)

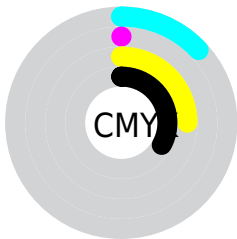
Blue (51%)



Red (51%)

Yellow (67%)

Blue (59%)

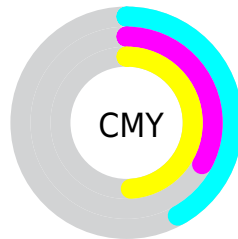


Cyan (13%)

Magenta (0%)

Yellow (25%)

Black (33%)



Cyan (42%)

Magenta (33%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9198, 37.1004, 26.3003 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 30.9198, 37.1004, 26.3003 by changing the saturation by 10% instead.

■ 30.9198, 37.1004,
26.3003

■ 30.9198, 37.1004,
26.3003

298.0022,
333.7450, 297.9054

■ 20.6893, 25.2852,
16.8207

■ 60.4905, 70.7272,
54.7490

■ 13.0083, 16.2897,
9.9461

■ 80.5614, 93.3076,
74.5552

■ 7.5113, 9.7294,
5.2581

■ 104.6431,
120.2452, 98.6406

■ 3.8330, 5.2199,
2.3381

133.1011,
151.9244, 127.4238

■ 1.6081, 2.3769,
0.7524

166.3006,
188.7296, 161.3234

■ 0.3977, 0.8139,
0.0000

204.6071,

■ 0.0000, 0.0000,

231.0451, 200.7578

0.0000

248.3858,
279.2555, 246.1456

■ 30.9198, 37.1004,
26.3003

■ 30.9198, 37.1004,
26.3003

■ 28.3052, 35.8742,
20.7329

■ 33.8524, 38.4708,
32.8771

■ 25.9933, 34.7820,
16.1226

■ 37.1115, 39.9854,
40.5074

■ 23.9720, 33.8199,
12.4160

■ 40.7091, 41.6506,
49.2357

■ 22.2269, 32.9818,
9.5532

■ 44.6554, 43.4707,
59.1029

■ 20.7422, 32.2611,
7.4676

■ 48.9604, 45.4500,
70.1483

■ 19.5001, 31.6501,
6.0822

■ 53.6335, 47.5925,
82.4088

■ 18.4794, 31.1401,
5.3037

■ 58.6838, 49.9022,
95.9201

■ 17.9933, 30.8954,
5.0151

■ 62.3310, 51.6672,
101.2953

■ 65.1265, 53.1083,
101.4261

Harmonies

Analogous

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



34.1674, 37.1004, 23.1804



30.9198, 37.1004, 26.3003



28.9368, 37.1004, 33.3545

Triad

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



30.9198, 37.1004, 26.3003



32.7098, 37.1004, 62.9644



42.9091, 37.1004, 37.3079

Complementary

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



30.9198, 37.1004, 26.3003



27.9650, 25.2211, 41.9244

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.



42.4495, 37.1004, 48.3648



30.9198, 37.1004, 26.3003



36.3814, 37.1004, 64.5353

Square

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



30.9198, 37.1004, 26.3003



29.9180, 37.1004, 54.8242



39.9946, 37.1004, 58.7978



41.2091, 37.1004, 28.7512

Rectangle

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



30.9198, 37.1004, 26.3003



28.5110, 37.1004, 39.9630



39.9946, 37.1004, 58.7978



43.0044, 37.1004, 40.8321

Sweetspot

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



30.9208, 37.1020, 26.3011



64.9094, 70.8880, 68.8585



31.7769, 32.2811, 25.3255



14.3991, 15.7731, 15.1766



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.



30.9208, 37.1020, 26.3011



52.9864, 65.3248, 41.9449



27.6264, 35.3983, 26.3907



8.2536, 9.1193, 8.5386



13.6237, 23.3203, 3.7832



0.4425, 0.6815, 0.1082

Inverse Universe

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



27.9650, 25.2211, 41.9244



46.8492, 40.6585, 74.3805



31.9304, 27.2731, 41.7625



7.9642, 7.9559, 10.0686



8.7504, 3.8709, 29.3305



0.3061, 0.1400, 0.8189

Previews

White Background



This preview shows how the XYZ color 30.9198, 37.1004, 26.3003 looks on a white background.

Color Contrast Check

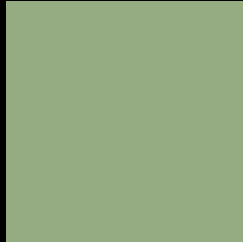
Large Text (above 18pt) WCAG AA × Fail

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 30.9198, 37.1004, 26.3003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

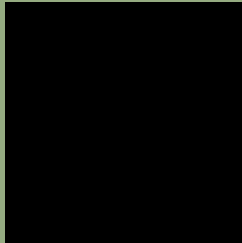
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.9198, 37.1004, 26.3003

Background



This preview shows how black text looks on a background with the XYZ color 30.9198, 37.1004, 26.3003.



This preview shows how white text looks on a background with the XYZ color 30.9198, 37.1004,

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

30.9198, 37.1004, 26.3003

Protanopia

34.5423, 36.8147, 25.0240

Deuteranopia

37.4570, 36.7270, 26.9446



Tritanopia

35.2013, 37.1925, 47.4430

Trichromacy



Original Color

30.9198, 37.1004, 26.3003

Protanomaly

33.1929, 36.9117, 25.4539

Deuteranomaly

34.6963, 36.5933, 26.7073

Tritanomaly

33.3007, 36.9478, 38.6342

Monochromacy



Original Color

30.9198, 37.1004, 26.3003

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.4106, 35.7888, 33.6335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9198, 37.1004, 26.3003 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(149, 171, 129)` looks like.

```
.text, #text, p{  
    color:rgb(149, 171, 129)  
}
```

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(149, 171, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 171, 129) }
```

Border

The CSS property to change the border of an element to XYZ 30.9198, 37.1004, 26.3003 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(149, 171, 129) }
```


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

```
.border{ border-color:rgb(149, 171, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 171, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 171, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 171, 129);  
box-shadow:4px 4px 4px 4px rgb(149, 171,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9198, 37.1004, 26.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 171, 129) }
```

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

```
.background{ background-color: rgb(149,  
171, 129) }
```

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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