

Converting Colors

XYZ(31.3090, 35.9253, 26.0530)

Have a look what the booklet for
XYZ(31.3090, 35.9253, 26.0530)
contains.

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Color

**XYZ(31.3090, 35.9253,
26.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA681
RGB	156, 166, 129
RGB Percent	61%, 65%, 51%
CMY	0.3882, 0.3490, 0.4941
CMYK	0.06, 0.00, 0.22, 0.35
HSL	76°, 17%, 58%
HSV	76°, 22%, 65%
XYZ	31.3090, 35.9253, 26.0530
YIQ	158.7920, 5.9170, -13.6270

Conversions

Conversions Part 2

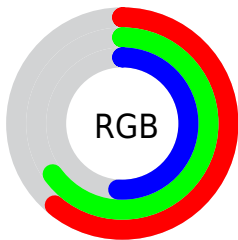
Format	Color
RYB	129, 166, 139
Decimal	10266241
CIELab	66.46, -10.13, 18.01
CIELCh	66, 20.666, 119.351
Yxy	35.9253, 0.3356, 0.3851
Android (android.graphics.Color)	4288456321 (0xFF9CA681)
YUV	158.7920, -14.6875, -2.4486
Hunter-Lab	59.9377, -11.6499, 16.1849

Details

The XYZ color **31.3090, 35.9253, 26.0530** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.3820, 23.9436, 39.3621**, and the grayscale version is **32.9235, 34.6381, 37.7208**.

A 20% lighter version of the original color is **61.1639, 68.9392, 54.3389**, and **13.1742, 15.5569, 9.8978** is the 20% darker color. If you saturate the color by 10%, you get **29.4419, 35.0812, 20.6662**, and if you desaturate by 10%, it is **33.3894, 36.8608, 32.3871**.

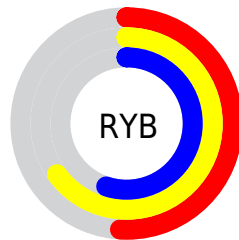
Distribution



Red (61%)

Green (65%)

Blue (51%)



Red (51%)

Yellow (65%)

Blue (55%)

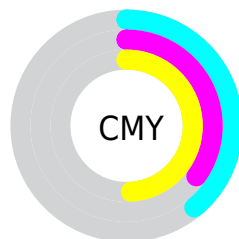


Cyan (6%)

Magenta (0%)

Yellow (22%)

Black (35%)



Cyan (39%)

Magenta (35%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3090, 35.9253, 26.0530 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 31.3090, 35.9253, 26.0530 by changing the saturation by 10% instead.

■ 31.3090, 35.9253,
26.0530

■ 31.3090, 35.9253,
26.0530

299.7609,
328.6339, 296.6559

■ 20.9872, 24.3765,
16.6372

■ 61.0988, 68.9168,
54.3456

■ 13.2271, 15.6132,
9.8169

■ 81.2975, 91.1282,
74.0594

■ 7.6632, 9.2508,
5.1737

■ 105.5192,
117.6627, 98.0430

■ 3.9302, 4.9051,
2.2890

134.1294,
148.9045, 126.7148

■ 1.6627, 2.1917,
0.7251

167.4933,
185.2382, 160.4935

■ 0.4328, 0.7155,
0.0000

205.9762,

■ 0.0000, 0.0000,

227.0481, 199.7975

0.0000

249.9437,
274.7185, 245.0455

■ 31.3090, 35.9253,
26.0530

■ 31.3090, 35.9253,
26.0530

■ 29.4419, 35.0812,
20.6662

■ 33.3894, 36.8608,
32.3871

■ 27.7763, 34.3201,
16.1788

■ 35.6886, 37.8865,
39.7086

■ 26.3034, 33.6398,
12.5422

■ 38.2156, 39.0070,
48.0582

■ 25.0125, 33.0358,
9.7025

■ 40.9777, 40.2254,
57.4735

■ 23.8920, 32.5036,
7.5993

■ 43.9821, 41.5445,
67.9904

■ 22.9283, 32.0375,
6.1639

■ 47.2356, 42.9672,
79.6430

■ 22.1056, 31.6314,
5.3144

■ 50.7447, 44.4961,
92.4638

■ 21.5399, 31.3480,
4.9155

■ 53.4004, 45.6876,
100.6118

■ 54.5534, 46.2820,
100.6658

Harmonies

Analogous

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



34.2134, 35.9253, 24.4193



31.3090, 35.9253, 26.0530



29.2741, 35.9253, 31.0495

Triad

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



31.3090, 35.9253, 26.0530



31.1988, 35.9253, 55.7025



40.4544, 35.9253, 39.3101

Complementary

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



31.3090, 35.9253, 26.0530



25.3820, 23.9436, 39.3621

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.



39.5304, 35.9253, 48.4722



31.3090, 35.9253, 26.0530



34.0785, 35.9253, 58.7718

Square

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



31.3090, 35.9253, 26.0530



29.2132, 35.9253, 48.0871



37.1492, 35.9253, 55.9474



39.6048, 35.9253, 31.3373

Rectangle

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



31.3090, 35.9253, 26.0530



28.6207, 35.9253, 36.0484



37.1492, 35.9253, 55.9474



40.3401, 35.9253, 42.3540

Sweetspot

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



31.3099, 35.9269, 26.0538



62.6978, 67.8348, 65.4041



28.9029, 28.1197, 24.6737



13.9782, 15.1568, 14.4694



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



31.3099, 35.9269, 26.0538



55.0080, 64.3811, 41.9781



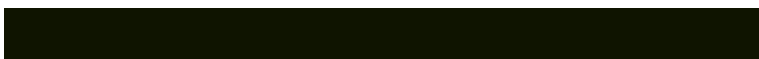
28.0205, 34.2311, 25.8998



7.9461, 8.6703, 8.0440



16.7485, 24.3314, 3.8137



0.4524, 0.6151, 0.0949

Inverse Universe

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



25.3820, 23.9436, 39.3621



42.2239, 38.5324, 70.6873



28.7107, 25.6596, 39.5179



7.3150, 7.3950, 9.4602



6.2118, 2.5857, 28.1472



0.1989, 0.0875, 0.6871

Previews

White Background



This preview shows how the XYZ color 31.3090, 35.9253, 26.0530 looks on a white background.

Color Contrast Check

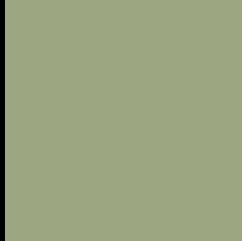
Large Text (above 18pt) WCAG AA × Fail

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 31.3090, 35.9253, 26.0530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

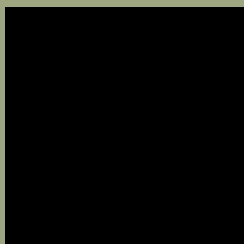
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

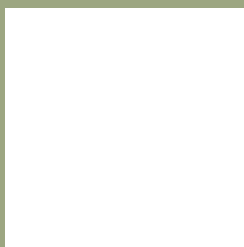
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.3090, 35.9253, 26.0530

Background



This preview shows how black text looks on a background with the XYZ color 31.3090, 35.9253, 26.0530.



This preview shows how white text looks on a background with the XYZ color 31.3090, 35.9253,

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

31.3090, 35.9253, 26.0530

Protanopia

33.5889, 35.7927, 25.2170

Deuteranopia

36.3116, 35.6462, 26.4393



Tritanopia

35.0139, 35.8401, 44.6076

Trichromacy



Original Color

31.3090, 35.9253, 26.0530

Protanomaly

32.7194, 35.8599, 25.6192

Deuteranomaly

34.3319, 35.6381, 26.1884

Tritanomaly

33.5033, 35.7486, 37.0326

Monochromacy



Original Color

31.3090, 35.9253, 26.0530

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.3662, 35.2479, 33.1146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3090, 35.9253, 26.0530 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(156, 166, 129)` looks like.

```
.text, #text, p{  
    color:rgb(156, 166, 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(156, 166, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 166, 129) }
```

Border

The CSS property to change the border of an element to XYZ 31.3090, 35.9253, 26.0530 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(156, 166, 129) }
```


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

```
.border{ border-color:rgb(156, 166, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 166, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 166, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 166, 129);  
box-shadow:4px 4px 4px 4px rgb(156, 166,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3090, 35.9253, 26.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 166, 129) }
```

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

```
.background{ background-color: rgb(156,  
166, 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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