

Converting Colors

XYZ(31.4286, 33.4136, 26.4383)

Have a look what the booklet for
XYZ(31.4286, 33.4136, 26.4383)
contains.

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Color

**XYZ(31.2950, 33.3081,
26.2524)**

Conversions

Conversions Part 1

Format	Color
Hex	A49C83
RGB	164, 156, 131
RGB Percent	64%, 61%, 51%
CMY	0.3569, 0.3882, 0.4863
CMYK	0.00, 0.05, 0.20, 0.36
HSL	45°, 15%, 58%
HSV	45°, 20%, 64%
XYZ	31.2950, 33.3081, 26.2524
YIQ	155.5420, 12.7930, -6.0790

Conversions

Conversions Part 2

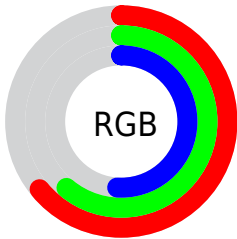
Format	Color
RYB	142, 164, 131
Decimal	10787971
CIELab	64.41, -1.33, 14.16
CIELCh	64, 14.220, 95.371
Yxy	33.3081, 0.3444, 0.3666
Android (android.graphics.Color)	4288978051 (0xFFA49C83)
YUV	155.5420, -12.0992, 7.4177
Hunter-Lab	57.7132, -4.2063, 13.4296

Details

The XYZ color **31.2950, 33.3081, 26.2524** is a light color, and the websafe version is hex **999999**. A complement of this color would be **25.2934, 25.9702, 38.8018**, and the grayscale version is **31.4448, 33.0824, 36.0267**.

A 20% lighter version of the original color is **60.9117, 64.6139, 54.6087**, and **13.2567, 14.1571, 10.0165** is the 20% darker color. If you saturate the color by 10%, you get **29.6146, 31.5874, 20.6357**, and if you desaturate by 10%, it is **33.1749, 35.1458, 32.8045**.

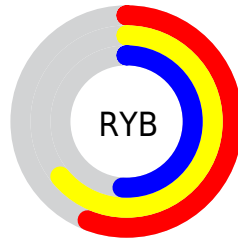
Distribution



Red (64%)

Green (61%)

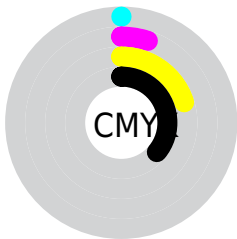
Blue (51%)



Red (56%)

Yellow (64%)

Blue (51%)

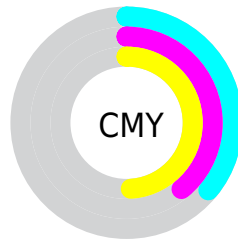


Cyan (0%)

Magenta (5%)

Yellow (20%)

Black (36%)



Cyan (36%)

Magenta (39%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.2950, 33.3081, 26.2524 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 31.2950, 33.3081, 26.2524 by changing the saturation by 10% instead.

■ 31.2950, 33.3081,
26.2524

■ 31.2950, 33.3081,
26.2524

299.6978,
317.0358, 297.6637

■ 20.9765, 22.3626,
16.7851

■ 61.0769, 64.8563,
54.6709

■ 13.2192, 14.1236,
9.9211

■ 81.2710, 86.2277,
74.4592

■ 7.6577, 8.2067,
5.2417

■ 105.4878,
111.8432, 98.5249

■ 3.9267, 4.2275,
2.3286

134.0924,
142.0871, 127.2866

■ 1.6607, 1.8016,
0.7472

167.4504,
177.3440, 161.1628

■ 0.4315, 0.4882,
0.0000

205.9271,

■ 0.0000, 0.0000,

217.9981, 200.5720

0.0000

249.8877,
264.4339, 245.9328

■ 31.2950, 33.3081,
26.2524

■ 31.2950, 33.3081,
26.2524

■ 29.6146, 31.5874,
20.6357

■ 33.1749, 35.1458,
32.8045

■ 28.1227, 29.9756,
15.9088

■ 35.2597, 37.0995,
40.3305

■ 26.8110, 28.4701,
12.0252

■ 37.5576, 39.1740,
48.8695

■ 25.6696, 27.0667,
8.9336

■ 40.0758, 41.3725,
58.4576

■ 24.6874, 25.7604,
6.5770

■ 42.8210, 43.6980,
69.1294

■ 23.8519, 24.5461,
4.8905

■ 45.7995, 46.1533,
80.9176

■ 23.1484, 23.4175,
3.7981

■ 49.0175, 48.7413,
93.8536

■ 22.5502, 22.3732,
3.1299

■ 51.2996, 50.9919,
101.7464

■ 52.1591, 52.7109,
102.0329

Harmonies

Analogous

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



33.3101, 33.3081, 27.0391



31.2950, 33.3081, 26.2524



29.4559, 33.3081, 27.9071

Triad

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



31.2950, 33.3081, 26.2524



28.5861, 33.3081, 43.1179



35.3342, 33.3081, 41.1190

Complementary

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



31.2950, 33.3081, 26.2524



25.2934, 25.9702, 38.8018

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.



33.9679, 33.3081, 46.1487



31.2950, 33.3081, 26.2524



30.0621, 33.3081, 47.3863

Square

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



31.2950, 33.3081, 26.2524



27.9352, 33.3081, 37.3215



32.0245, 33.3081, 48.5504



35.6984, 33.3081, 35.2322

Rectangle

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



31.2950, 33.3081, 26.2524



28.5591, 33.3081, 30.2879



32.0245, 33.3081, 48.5504



34.9741, 33.3081, 42.9851

Sweetspot

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



31.2959, 33.3096, 26.2531



61.6892, 65.1909, 64.8049



28.1049, 25.9969, 28.0590



13.4370, 14.2054, 13.9898



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



31.2959, 33.3096, 26.2531



55.4425, 59.0837, 43.0349



31.0344, 35.2328, 26.6381



7.5033, 7.9451, 7.5182



17.3287, 17.2314, 2.4127



0.3974, 0.4286, 0.0618

Inverse Universe

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



25.2934, 25.9702, 38.8018



42.6033, 43.3868, 69.8814



25.5068, 24.4239, 38.4920



6.8334, 7.1258, 8.9183



5.7454, 3.2702, 27.2582



0.1549, 0.1371, 0.5841

Previews

White Background



This preview shows how the XYZ color 31.2950, 33.3081, 26.2524 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 31.2950, 33.3081, 26.2524 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 31.2950, 33.3081, 26.2524

Background



This preview shows how black text looks on a background with the XYZ color 31.2950, 33.3081, 26.2524.



This preview shows how white text looks on a background with the XYZ color 31.2950, 33.3081,

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

31.2950, 33.3081, 26.2524

Protanopia

31.5023, 33.4150, 26.2621

Deuteranopia

33.8936, 33.1819, 26.4482



Tritanopia

33.8259, 33.1024, 39.2569

Trichromacy



Original Color

31.2950, 33.3081, 26.2524

Protanomaly

31.5023, 33.4150, 26.2621

Deuteranomaly

32.8487, 33.1211, 26.4915

Tritanomaly

32.9135, 33.2323, 33.9579

Monochromacy



Original Color

31.2950, 33.3081, 26.2524

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.4530, 33.2544, 32.3648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2950, 33.3081, 26.2524 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(164, 156, 131)` looks like.

```
.text, #text, p{  
    color:rgb(164, 156, 131)  
}
```

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(164, 156, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 156, 131) }
```

Border

The CSS property to change the border of an element to XYZ 31.2950, 33.3081, 26.2524 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(164, 156, 131) }
```


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

```
.border{ border-color:rgb(164, 156, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 156, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 156, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 156, 131);  
box-shadow:4px 4px 4px 4px rgb(164, 156,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2950, 33.3081, 26.2524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 156, 131) }
```

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

```
.background{ background-color: rgb(164,  
156, 131) }
```

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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