

Converting Colors

XYZ(26.5223, 31.0898, 17.3075)

Have a look what the booklet for
XYZ(26.5223, 31.0898, 17.3075)
contains.

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Color

**XYZ(26.5494, 31.0521,
17.4263)**

Conversions

Conversions Part 1

Format	Color
Hex	949C67
RGB	148, 156, 103
RGB Percent	58%, 61%, 40%
CMY	0.4196, 0.3882, 0.5961
CMYK	0.05, 0.00, 0.34, 0.39
HSL	69°, 21%, 51%
HSV	69°, 34%, 61%
XYZ	26.5494, 31.0521, 17.4263
YIQ	147.5660, 12.2450, -18.1790

Conversions

Conversions Part 2

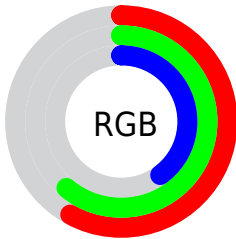
Format	Color
RYB	103, 156, 111
Decimal	9739367
CIELab	62.55, -11.74, 26.85
CIELCh	63, 29.301, 113.618
Yxy	31.0521, 0.3539, 0.4139
Android (android.graphics.Color)	4287929447 (0xFF949C67)
YUV	147.5660, -21.9710, 0.3806
Hunter-Lab	55.7244, -12.4730, 20.4657

Details

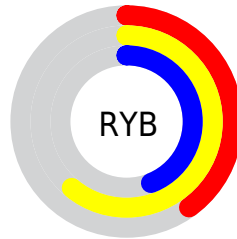
The XYZ color **26.5494, 31.0521, 17.4263** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.4077, 15.4811, 33.5249**, and the grayscale version is **28.0532, 29.5142, 32.1409**.

A 20% lighter version of the original color is **53.5916, 61.1563, 39.9901**, and **10.5650, 12.8658, 5.5409** is the 20% darker color. If you saturate the color by 10%, you get **25.4168, 30.5514, 13.6604**, and if you desaturate by 10%, it is **27.8383, 31.6185, 21.9634**.

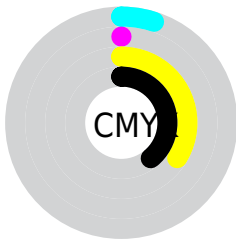
Distribution



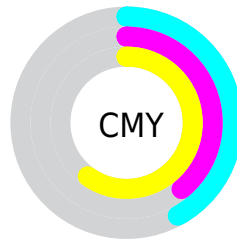
- Red (58%)
- Green (61%)
- Blue (40%)



- Red (40%)
- Yellow (61%)
- Blue (44%)



- Cyan (5%)
- Magenta (0%)
- Yellow (34%)
- Black (39%)



- Cyan (42%)
- Magenta (39%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5494, 31.0521, 17.4263 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 26.5494, 31.0521, 17.4263 by changing the saturation by 10% instead.

■ 26.5494, 31.0521,
17.4263

■ 26.5494, 31.0521,
17.4263

277.6762,
306.7783, 249.7438

■ 17.3699, 20.6385,
10.3737

■ 53.5850, 61.3221,
39.8579

■ 10.5955, 12.8600,
5.5386

■ 72.1718, 81.9473,
56.0741

■ 5.8608, 7.3322,
2.5024

■ 94.6250, 106.7452,
76.1819

■ 2.8005, 3.6707,
0.8414

■ 121.3102,
136.1001, 100.5998

■ 1.0492, 1.4911,
0.0000

152.5925,
170.3965, 129.7464

■ 0.0000, 0.2825,
0.0000

188.8374,

■ 0.0000, 0.0000,

210.0187, 164.0402

0.0000

230.4102,
255.3512, 203.8998

■ 26.5494, 31.0521,
17.4263

■ 26.5494, 31.0521,
17.4263

■ 25.4168, 30.5514,
13.6604

■ 27.8383, 31.6185,
21.9634

■ 24.4301, 30.1090,
10.6209

■ 29.2889, 32.2494,
27.3094

■ 23.5810, 29.7226,
8.2613

■ 30.9088, 32.9492,
33.5017

■ 22.8594, 29.3882,
6.5291

■ 32.7048, 33.7203,
40.5750

■ 22.2539, 29.1013,
5.3639

■ 34.6831, 34.5654,
48.5618

■ 21.7508, 28.8562,
4.6933

■ 36.8495, 35.4869,
57.4932

■ 21.4748, 28.7199,
4.4116

■ 39.2099, 36.4869,
67.3987

■ 41.7695, 37.5676,
78.3065

■ 44.5336, 38.7312,
90.2438

Harmonies

Analogous

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



30.3740, 31.0521, 16.3548



26.5494, 31.0521, 17.4263



23.7650, 31.0521, 22.3927

Triad

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



26.5494, 31.0521, 17.4263



25.1983, 31.0521, 54.7337



37.8027, 31.0521, 36.3087

Complementary

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



26.5494, 31.0521, 17.4263



17.4077, 15.4811, 33.5249

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.



36.1228, 31.0521, 48.5691



26.5494, 31.0521, 17.4263



28.6706, 31.0521, 60.6443

Square

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



26.5494, 31.0521, 17.4263



23.0355, 31.0521, 43.3865



32.6917, 31.0521, 58.1659



37.1061, 31.0521, 25.7586

Rectangle

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



26.5494, 31.0521, 17.4263



22.7562, 31.0521, 27.9913



32.6917, 31.0521, 58.1659



37.4927, 31.0521, 40.3849

Sweetspot

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



26.5502, 31.0535, 17.4270



54.2685, 59.0360, 53.6627



21.8385, 19.4060, 15.4271



11.8590, 12.9548, 11.4949



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



26.5502, 31.0535, 17.4270



46.5839, 55.6749, 26.1752



22.3002, 28.8625, 17.2281



7.0717, 7.6696, 7.0933



17.7108, 23.6670, 3.6347



0.3409, 0.4357, 0.0661

Inverse Universe

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



17.4077, 15.4811, 33.5249



27.3302, 22.8651, 60.0997



21.2425, 17.4580, 33.7044



6.3734, 6.4810, 8.3217



5.2641, 2.1428, 26.0434



0.1173, 0.0503, 0.4667

Previews

White Background



This preview shows how the XYZ color 26.5494, 31.0521, 17.4263 looks on a white background.

Color Contrast Check

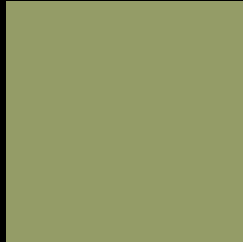
Large Text (above 18pt) WCAG AA × Fail

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 26.5494, 31.0521, 17.4263 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

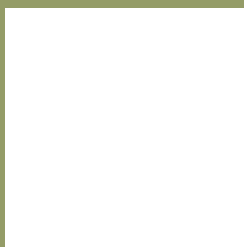
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5494, 31.0521, 17.4263

Background



This preview shows how black text looks on a background with the XYZ color 26.5494, 31.0521, 17.4263.



This preview shows how white text looks on a background with the XYZ color 26.5494, 31.0521,

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

26.5494, 31.0521, 17.4263

Protanopia

28.7254, 30.9653, 16.7748

Deuteranopia

31.4976, 30.9740, 17.6831



Tritanopia

30.6980, 31.0367, 38.0909

Trichromacy



Original Color

26.5494, 31.0521, 17.4263

Protanomaly

27.8901, 31.0109, 17.0861

Deuteranomaly

29.3946, 30.8192, 17.4961

Tritanomaly

28.9108, 31.0253, 29.2757

Monochromacy



Original Color

26.5494, 31.0521, 17.4263

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.4442, 30.0951, 26.1923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5494, 31.0521, 17.4263 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(148, 156, 103)` looks like.

```
.text, #text, p{  
    color:rgb(148, 156, 103)  
}
```

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(148, 156, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 156, 103) }
```

Border

The CSS property to change the border of an element to XYZ 26.5494, 31.0521, 17.4263 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(148, 156, 103) }
```


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

```
.border{ border-color:rgb(148, 156, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 156, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 156, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 156, 103);  
box-shadow:4px 4px 4px 4px rgb(148, 156,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5494, 31.0521, 17.4263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 156, 103) }
```

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

```
.background{ background-color: rgb(148,  
156, 103) }
```

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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