

Converting Colors

XYZ(26.9199, 31.5613, 22.4982)

Have a look what the booklet for
XYZ(26.9199, 31.5613, 22.4982)
contains.

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Color

**XYZ(26.9447, 31.6494,
22.4581)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9E78
RGB	143, 158, 120
RGB Percent	56%, 62%, 47%
CMY	0.4392, 0.3804, 0.5294
CMYK	0.09, 0.00, 0.24, 0.38
HSL	84°, 16%, 55%
HSV	84°, 24%, 62%
XYZ	26.9447, 31.6494, 22.4581
YIQ	149.1830, 3.2580, -14.9980

Conversions

Conversions Part 2

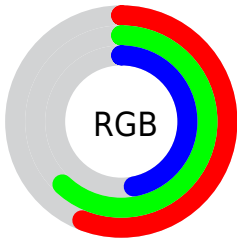
Format	Color
RYB	120, 158, 135
Decimal	9412216
CIELab	63.05, -12.28, 18.13
CIELCh	63, 21.897, 124.118
Yxy	31.6494, 0.3324, 0.3905
Android (android.graphics.Color)	4287602296 (0xFF8F9E78)
YUV	149.1830, -14.3872, -5.4225
Hunter-Lab	56.2578, -12.9585, 15.7119

Details

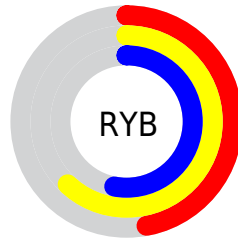
The XYZ color **26.9447, 31.6494, 22.4581** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.8810, 21.0533, 35.2072**, and the grayscale version is **28.7025, 30.1973, 32.8848**.

A 20% lighter version of the original color is **54.2666, 62.4374, 48.2212**, and **10.8087, 13.2456, 7.9482** is the 20% darker color. If you saturate the color by 10%, you get **25.0141, 30.7569, 17.7686**, and if you desaturate by 10%, it is **29.0953, 32.6390, 27.9852**.

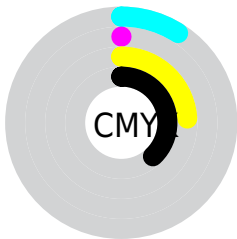
Distribution



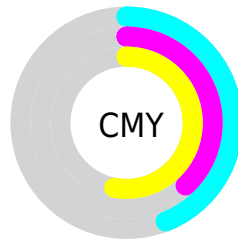
- Red (56%)
- Green (62%)
- Blue (47%)



- Red (47%)
- Yellow (62%)
- Blue (53%)



- Cyan (9%)
- Magenta (0%)
- Yellow (24%)
- Black (38%)



- Cyan (44%)
- Magenta (38%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9447, 31.6494, 22.4581 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 26.9447, 31.6494, 22.4581 by changing the saturation by 10% instead.

■ 26.9447, 31.6494,
22.4581

■ 26.9447, 31.6494,
22.4581

279.5617,
309.5190, 277.9605

■ 17.6681, 21.0938,
13.9924

■ 54.2156, 62.2611,
48.4138

■ 10.8102, 13.1926,
7.9767

■ 72.9406, 83.0859,
66.7409

■ 6.0057, 7.5613,
3.9925

■ 95.5458, 108.1027,
89.1922

■ 2.8892, 3.8156,
1.6212

122.3965,
137.6958, 116.1862

■ 1.0955, 1.5709,
0.3059

153.8581,
172.2496, 148.1415

■ 0.0213, 0.3379,
0.0000

190.2959,

■ 0.0000, 0.0000,

212.1485, 185.4766

0.0000

232.0753,
257.7768, 228.6101

■ 26.9447, 31.6494,
22.4581

■ 26.9447, 31.6494,
22.4581

■ 25.0141, 30.7569,
17.7686

■ 29.0953, 32.6390,
27.9852

■ 23.2922, 29.9537,
13.8738

■ 31.4717, 33.7248,
34.3860

■ 21.7705, 29.2372,
10.7300

■ 34.0822, 34.9114,
41.6969

■ 20.4388, 28.6034,
8.2885

■ 36.9342, 36.2020,
49.9516

■ 19.2857, 28.0474,
6.4950

■ 40.0347, 37.5992,
59.1822

■ 18.2983, 27.5641,
5.2870

■ 43.3903, 39.1060,
69.4191

■ 17.4612, 27.1471,
4.5895

■ 47.0074, 40.7249,
80.6916

■ 17.0119, 26.9215,
4.2997

■ 50.8921, 42.4586,
93.0276

■ 53.8684, 43.8366,
100.2299

Harmonies

Analogous

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



29.6672, 31.6494, 20.4073



26.9447, 31.6494, 22.4581



25.1599, 31.6494, 27.7072

Triad

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



26.9447, 31.6494, 22.4581



27.6206, 31.6494, 51.6682



36.2450, 31.6494, 33.2817

Complementary

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



26.9447, 31.6494, 22.4581



22.8810, 21.0533, 35.2072

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.



35.6071, 31.6494, 42.2314



26.9447, 31.6494, 22.4581



30.5002, 31.6494, 53.8237

Square

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



26.9447, 31.6494, 22.4581



25.5314, 31.6494, 44.6418



33.4534, 31.6494, 50.1214



35.1431, 31.6494, 25.9589

Rectangle

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



26.9447, 31.6494, 22.4581



24.6738, 31.6494, 32.7866



33.4534, 31.6494, 50.1214



36.2274, 31.6494, 36.1910

Sweetspot

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



26.9455, 31.6508, 22.4588



55.7734, 60.6133, 58.6823



26.0955, 25.8335, 21.3807



12.5204, 13.6407, 13.0843



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.



26.9455, 31.6508, 22.4588



46.9481, 56.5588, 35.9027



23.9929, 30.1287, 22.3206



6.9164, 7.5896, 7.0861



13.6693, 21.5835, 3.4456



0.2910, 0.4099, 0.0638

Inverse Universe

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



22.8810, 21.0533, 35.2072



38.2292, 33.8213, 63.2567



26.1333, 22.7300, 35.3594



6.5201, 6.5566, 8.3286



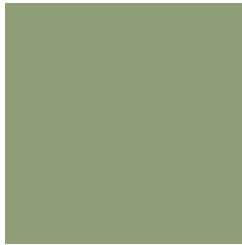
6.5948, 2.8288, 26.1057



0.1640, 0.0743, 0.4689

Previews

White Background



This preview shows how the XYZ color 26.9447, 31.6494, 22.4581 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 26.9447, 31.6494, 22.4581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

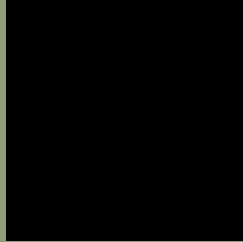
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.9447, 31.6494, 22.4581

Background



This preview shows how black text looks on a background with the XYZ color 26.9447, 31.6494, 22.4581.



This preview shows how white text looks on a background with the XYZ color 26.9447, 31.6494,

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

26.9447, 31.6494, 22.4581

Protanopia

29.5434, 31.5274, 21.3579

Deuteranopia

31.9232, 31.3100, 22.7733



Tritanopia

30.3235, 31.5264, 39.6089

Trichromacy



Original Color

26.9447, 31.6494, 22.4581

Protanomaly

28.5359, 31.4871, 21.7132

Deuteranomaly

29.8746, 31.1925, 22.5354

Tritanomaly

28.9335, 31.4524, 32.5629

Monochromacy



Original Color

26.9447, 31.6494, 22.4581

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.8483, 30.4945, 28.4630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9447, 31.6494, 22.4581 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(143, 158, 120)` looks like.

```
.text, #text, p{  
    color:rgb(143, 158, 120)  
}
```

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(143, 158, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 158, 120) }
```

Border

The CSS property to change the border of an element to XYZ 26.9447, 31.6494, 22.4581 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(143, 158, 120) }
```


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

```
.border{ border-color:rgb(143, 158, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 158, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 158, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 158, 120);  
box-shadow:4px 4px 4px 4px rgb(143, 158,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9447, 31.6494, 22.4581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 158, 120) }
```

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

```
.background{ background-color: rgb(143,  
158, 120) }
```

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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