

# Converting Colors

XYZ(26.4467, 31.0997, 24.2735)

Have a look what the booklet for  
XYZ(26.4467, 31.0997, 24.2735)  
contains.

<b>XYZ(26.4703, 31.1093, 24.3482)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(26.4703, 31.1093,  
24.3482)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B9D7E
RGB	139, 157, 126
RGB Percent	55%, 62%, 49%
CMY	0.4549, 0.3843, 0.5059
CMYK	0.11, 0.00, 0.20, 0.38
HSL	95°, 14%, 55%
HSV	95°, 20%, 62%
XYZ	26.4703, 31.1093, 24.3482
YIQ	148.0840, -0.7770, -13.4570

# Conversions

## Conversions Part 2

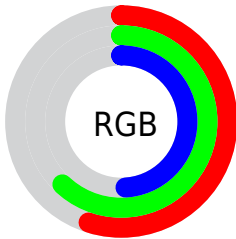
Format	Color
<b>RYB</b>	126, 157, 144
Decimal	9149822
CIELab	62.60, -12.27, 14.12
CIElCh	63, 18.709, 130.990
Yxy	31.1093, 0.3231, 0.3797
Android (android.graphics.Color)	4287339902 (0xFF8B9D7E)
YUV	148.0840, -10.8874, -7.9667
Hunter-Lab	55.7757, -12.8941, 13.1607

# Details

The XYZ color **26.4703, 31.1093, 24.3482** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **25.0496, 23.2862, 35.0745**, and the grayscale version is **28.2283, 29.6984, 32.3415**.

A 20% lighter version of the original color is **53.6725, 61.6791, 51.7242**, and **10.6134, 12.9677, 8.9648** is the 20% darker color. If you saturate the color by 10%, you get **24.0765, 29.9842, 19.3565**, and if you desaturate by 10%, it is **29.1518, 32.3662, 30.1847**.

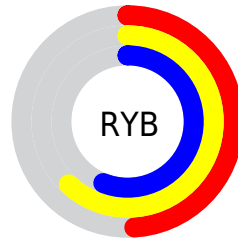
# Distribution



Red (55%)

Green (62%)

Blue (49%)



Red (49%)

Yellow (62%)

Blue (56%)

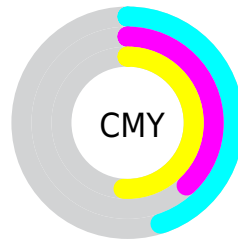


Cyan (11%)

Magenta (0%)

Yellow (20%)

Black (38%)



Cyan (45%)

Magenta (38%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4703, 31.1093, 24.3482 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 26.4703, 31.1093, 24.3482 by changing the saturation by 10% instead.



■ 26.4703, 31.1093,  
24.3482

■ 26.4703, 31.1093,  
24.3482

277.2977,  
307.0415, 287.9192

■ 17.3103, 20.6821,  
15.3775

■ 53.4586, 61.4121,  
51.5488

■ 10.5527, 12.8918,  
8.9352

■ 72.0176, 82.0565,  
70.6157

■ 5.8320, 7.3541,  
4.6027

■ 94.4404, 106.8754,  
93.8852

■ 2.7829, 3.6845,  
1.9615

121.0923,  
136.2532, 121.7757

■ 1.0400, 1.4987,  
0.5314

152.3386,  
170.5744, 154.7059

■ 0.0000, 0.2878,  
0.0000

188.5447,

■ 0.0000, 0.0000,

210.2232, 193.0941

0.0000

230.0760,  
255.5841, 237.3591

■ 26.4703, 31.1093,  
24.3482

■ 26.4703, 31.1093,  
24.3482

■ 24.0765, 29.9842,  
19.3565

■ 29.1518, 32.3662,  
30.1847

■ 21.9574, 28.9823,  
15.1684

■ 32.1284, 33.7551,  
36.9006

■ 20.1027, 28.1000,  
11.7424


■ 35.4103, 35.2815,  
44.5308


■ 18.5003, 27.3323,  
9.0325


■ 39.0064, 36.9493,  
53.1080


■ 17.1370, 26.6733,  
6.9877


■ 42.9253, 38.7621,  
62.6631


 15.9983, 26.1170,  
5.5501


 47.1753, 40.7237,  
73.2257

 15.0675, 25.6560,  
4.6521

 51.7642, 42.8373,  
84.8239

 14.3107, 25.2765,  
4.1360

 56.6996, 45.1065,  
97.4851

 14.2930, 25.2676,  
4.1238

 59.9437, 46.7163,  
100.4655

# Harmonies

## Analogous

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



28.6444, 31.1093, 21.8828



26.4703, 31.1093, 24.3482



25.1746, 31.1093, 29.5053

# Triad

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



26.4703, 31.1093, 24.3482



28.0013, 31.1093, 48.9437



34.6427, 31.1093, 31.2681

# Complementary

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



26.4703, 31.1093, 24.3482



25.0496, 23.2862, 35.0745

# 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.



34.4460, 31.1093, 38.6513



26.4703, 31.1093, 24.3482



30.5122, 31.1093, 49.5957

# Square

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



26.4703, 31.1093, 24.3482



26.0228, 31.1093, 43.9334



32.8994, 31.1093, 45.6044



33.4224, 31.1093, 25.4787



# Rectangle

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



26.4703, 31.1093, 24.3482



24.9360, 31.1093, 34.1156



32.8994, 31.1093, 45.6044



34.7418, 31.1093, 33.6310

# Sweetspot

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



26.4711, 31.1106, 24.3489



54.0784, 58.8366, 58.2362



27.5795, 28.4912, 23.7849



11.8318, 12.9150, 12.6624



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.



26.4711, 31.1106, 24.3489



45.3197, 54.7335, 39.2040



24.5628, 30.1113, 24.9631



6.8011, 7.5301, 7.0807



11.6484, 20.5417, 3.3510



0.2554, 0.3916, 0.0621



# Inverse Universe

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



25.0496, 23.2862, 35.0745



42.2679, 37.9408, 62.2223



27.2775, 24.4550, 34.2652



6.6351, 6.6159, 8.3340



8.5035, 3.8127, 26.1950



0.1996, 0.0927, 0.4706



# Previews

## White Background



This preview shows how the XYZ color 26.4703, 31.1093, 24.3482 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 26.4703, 31.1093, 24.3482 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 26.4703, 31.1093, 24.3482**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.4703, 31.1093, 24.3482.



This preview shows how white text looks on a background with the XYZ color 26.4703, 31.1093,



# 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

26.4703, 31.1093, 24.3482

### Protanopia

29.1390, 31.0369, 23.1938

### Deuteranopia

31.4772, 30.8080, 24.7096



## Tritanopia

29.6061, 31.1566, 39.5754

# Trichromacy



## Original Color

26.4703, 31.1093, 24.3482

## Protanomaly

27.9782, 30.9131, 23.5610

## Deuteranomaly

29.2762, 30.6043, 24.4429

## Tritanomaly

28.3883, 31.1529, 33.3710

# Monochromacy



## Original Color

26.4703, 31.1093, 24.3482

## Achromatopsia

28.1479, 29.6138, 32.2495

## Achromatomaly

27.4773, 30.0464, 29.1623

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.4703, 31.1093, 24.3482 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(139, 157, 126)` looks like.

```
.text, #text, p{  
    color:rgb(139, 157, 126)  
}
```

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(139, 157, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 157, 126) }
```

## Border

The CSS property to change the border of an element to XYZ 26.4703, 31.1093, 24.3482 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(139, 157, 126) }
```



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

```
.border{ border-color:rgb(139, 157, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 157, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 157, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 157, 126);  
box-shadow:4px 4px 4px 4px rgb(139, 157,  
126) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.4703, 31.1093, 24.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 157, 126) }
```

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

```
.background{ background-color: rgb(139,  
157, 126) }
```

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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