

# Converting Colors

XYZ(19.5102, 26.0384, 23.9020)

Have a look what the booklet for  
XYZ(19.5102, 26.0384, 23.9020)  
contains.

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# Color

**XYZ(19.4486, 26.0193,  
23.7358)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E977E
RGB	94, 151, 126
RGB Percent	37%, 59%, 49%
CMY	0.6314, 0.4078, 0.5059
CMYK	0.38, 0.00, 0.17, 0.41
HSL	154°, 23%, 48%
HSV	154°, 38%, 59%
XYZ	19.4486, 26.0193, 23.7358
YIQ	131.1070, -25.9470, -19.8590

# Conversions

## Conversions Part 2

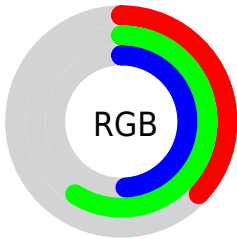
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 131, 151
Decimal	6199166
CIE <sub>Lab</sub>	58.06, -24.57, 7.31
CIE <sub>LCh</sub>	58, 25.633, 163.422
Yxy	26.0193, 0.2810, 0.3760
Android (android.graphics.Color)	4284389246 (0xFF5E977E)
YUV	131.1070, -2.5178, -32.5428
Hunter-Lab	51.0091, -21.2080, 8.1173

# Details

The XYZ color **19.4486, 26.0193, 23.7358** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.0959, 15.9173, 19.4670**, and the grayscale version is **21.6275, 22.7539, 24.7790**.

A 20% lighter version of the original color is **42.2406, 53.6003, 50.7674**, and **6.8930, 10.1638, 8.6197** is the 20% darker color. If you saturate the color by 10%, you get **17.6359, 25.1333, 21.4937**, and if you desaturate by 10%, it is **21.5940, 27.0750, 26.1424**.

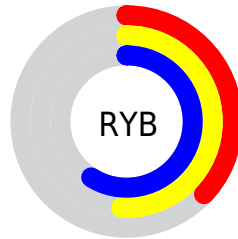
# Distribution



Red (37%)

Green (59%)

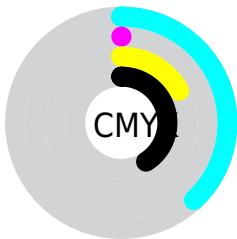
Blue (49%)



Red (37%)

Yellow (51%)

Blue (59%)

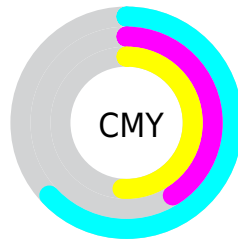


Cyan (38%)

Magenta (0%)

Yellow (17%)

Black (41%)



Cyan (63%)

Magenta (41%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4486, 26.0193, 23.7358 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 19.4486, 26.0193, 23.7358 by changing the saturation by 10% instead.



■ 19.4486, 26.0193,  
23.7358

■ 19.4486, 26.0193,  
23.7358

241.8051,  
282.8768, 284.7255

■ 12.1008, 16.8381,  
14.9274

■ 42.0018, 53.3061,  
50.5371

■ 6.8850, 10.1191,  
8.6224

■ 57.9379, 72.1804,  
69.3671

■ 3.4360, 5.4780,  
4.4023

■ 77.4675, 95.0546,  
92.3747

■ 1.3883, 2.5304,  
1.8485

■ 100.9559,  
122.3130, 119.9784

■ 0.2479, 0.8918,  
0.4597

128.7685,  
154.3400, 152.5968

■ 0.0000, 0.0000,  
0.0000

161.2707,

191.5201, 190.6484

198.8278,  
234.2375, 234.5518

■ 19.4486, 26.0193,  
23.7358

■ 19.4486, 26.0193,  
23.7358

■ 17.6359, 25.1333,  
21.4937

■ 21.5940, 27.0750,  
26.1424

■ 16.1354, 24.4043,  
19.4105

■ 24.0868, 28.3057,  
28.7151

■ 14.9277, 23.8231,  
17.4830

■ 26.9434, 29.7206,  
31.4581

■ 13.9902, 23.3781,  
15.7072

■ 30.1784, 31.3270,  
34.3746

■ 13.2967, 23.0560,  
14.0786

■ 33.8056, 33.1323,  
37.4678

■ 12.7999, 22.8323,  
12.5919

■ 37.8383, 35.1429,  
40.7408

■ 12.6977, 22.7865,  
12.2756

■ 42.2888, 37.3654,  
44.1967

■ 47.1693, 39.8058,  
47.8383

■ 52.4911, 42.4700,  
51.6686

# Harmonies

## Analogous

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



20.8572, 26.0193, 17.6569



19.4486, 26.0193, 23.7358



19.3763, 26.0193, 32.4787

# Triad

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



19.4486, 26.0193, 23.7358



26.1395, 26.0193, 48.3792



29.3151, 26.0193, 18.1462

# Complementary

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



19.4486, 26.0193, 23.7358



20.0959, 15.9173, 19.4670

# 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.



30.9901, 26.0193, 24.5516



19.4486, 26.0193, 23.7358



29.0560, 26.0193, 42.6183

# Square

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



19.4486, 26.0193, 23.7358



23.0693, 26.0193, 48.0325



30.8915, 26.0193, 33.4831



26.4697, 26.0193, 14.9219



# Rectangle

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



19.4486, 26.0193, 23.7358



20.0838, 26.0193, 38.8063



30.8915, 26.0193, 33.4831



30.0439, 26.0193, 19.9333

# Sweetspot

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



19.4493, 26.0204, 23.7364



46.3989, 52.3057, 54.5950



20.7851, 26.9106, 14.6888



10.4010, 11.8167, 12.2705



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178



# Same Dimension

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



19.4493, 26.0204, 23.7364



32.1391, 45.2803, 39.2112



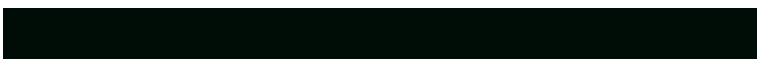
20.8163, 25.8421, 33.1704



6.2700, 6.9807, 7.3454



10.8163, 19.3900, 10.5190



0.1800, 0.2972, 0.2534



# Inverse Universe

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



20.0959, 15.9173, 19.4670



33.4646, 24.6050, 30.4855



19.0445, 15.9098, 12.6571



6.3157, 6.2654, 7.0426



11.7137, 5.9397, 5.0172



0.1930, 0.0959, 0.1689



# Previews

## White Background



This preview shows how the XYZ color 19.4486, 26.0193, 23.7358 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4486, 26.0193, 23.7358 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 × Fail

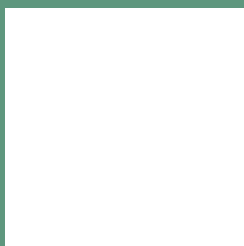
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 19.4486, 26.0193, 23.7358**

## **Background**



This preview shows how black text looks on a background with the XYZ color 19.4486, 26.0193, 23.7358.



This preview shows how white text looks on a background with the XYZ color 19.4486, 26.0193,



# 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

19.4486, 26.0193, 23.7358

### Protanopia

24.4768, 25.9323, 21.4847

### Deuteranopia

26.2647, 25.7298, 24.7011



## Tritanopia

21.9721, 26.1028, 36.2280

# Trichromacy



## Original Color

19.4486, 26.0193, 23.7358

## Protanomaly

22.0877, 25.5621, 22.1822

## Deuteranomaly

23.0134, 25.3277, 24.4447

## Tritanomaly

20.8152, 25.8518, 31.0869

# Monochromacy



## Original Color

19.4486, 26.0193, 23.7358

## Achromatopsia

21.5731, 22.6966, 24.7166

## Achromatomaly

20.5221, 23.6135, 24.2451

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 19.4486, 26.0193, 23.7358 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(94, 151, 126)` looks like.

```
.text, #text, p{  
    color:rgb(94, 151, 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(94, 151, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 151, 126) }
```

## Border

The CSS property to change the border of an element to XYZ 19.4486, 26.0193, 23.7358 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(94, 151, 126) }
```



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

```
.border{ border-color:rgb(94, 151, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 151, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 151, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 151, 126);  
box-shadow:4px 4px 4px 4px rgb(94, 151,  
126) }
```

# Background

The CSS property to change the background color of an element to XYZ 19.4486, 26.0193, 23.7358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 151, 126) }
```

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

```
.background{ background-color: rgb(94, 151,  
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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