

# Converting Colors

XYZ(26.5360, 22.1350, 26.2213)

Have a look what the booklet for  
XYZ(26.5360, 22.1350, 26.2213)  
contains.

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# Color

**XYZ(26.3976, 22.0277,  
26.1530)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">A77288</a>
RGB	<a href="#">167, 114, 136</a>
RGB Percent	<a href="#">65%, 45%, 53%</a>
CMY	<a href="#">0.3451, 0.5529, 0.4667</a>
CMYK	<a href="#">0.00, 0.32, 0.19, 0.35</a>
HSL	<a href="#">335°, 23%, 55%</a>
HSV	<a href="#">335°, 32%, 65%</a>
XYZ	<a href="#">26.3976, 22.0277, 26.1530</a>
YIQ	<a href="#">132.3550, 24.5260, 18.0780</a>

# Conversions

## Conversions Part 2

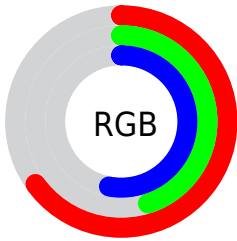
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 114, 136
Decimal	10973832
CIELab	54.06, 24.25, -3.54
CIELCh	54, 24.510, 351.706
Yxy	22.0277, 0.3540, 0.2954
Android (android.graphics.Color)	4289163912 (0xFFA77288)
YUV	132.3550, 1.7970, 30.3837
Hunter-Lab	46.9337, 18.2625, -0.1848

# Details

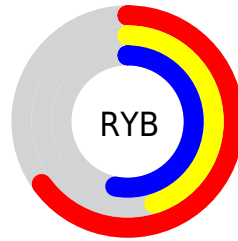
The XYZ color **26.3976, 22.0277, 26.1530** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.8699, 33.2598, 31.8460**, and the grayscale version is **22.0484, 23.1966, 25.2611**.

A 20% lighter version of the original color is **53.2530, 46.6345, 54.3387**, and **10.5094, 8.0299, 9.8001** is the 20% darker color. If you saturate the color by 10%, you get **24.0202, 18.3336, 22.0900**, and if you desaturate by 10%, it is **29.1835, 26.4370, 30.6648**.

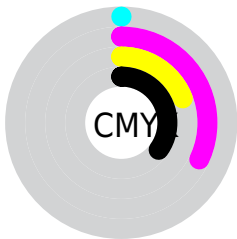
# Distribution



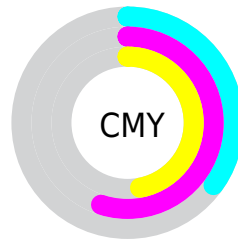
- Red (65%)
- Green (45%)
- Blue (53%)



- Red (65%)
- Yellow (45%)
- Blue (53%)



- Cyan (0%)
- Magenta (32%)
- Yellow (19%)
- Black (35%)




- Cyan (35%)
- Magenta (55%)
- Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3976, 22.0277, 26.1530 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 26.3976, 22.0277, 26.1530 by changing the saturation by 10% instead.





 26.3976, 22.0277,  
26.1530


 26.3976, 22.0277,  
26.1530


276.9495,  
262.6909, 297.1617


 17.2556, 13.8773,  
16.7113

 53.3424, 46.7918,  
54.5088


 10.5133, 8.0353,  
9.8691


 71.8759, 64.1742,  
74.2600

 5.8055, 4.1176,  
5.2078

 94.2706, 85.4027,  
98.2848

 2.7667, 1.7395,  
2.3088

 120.8919,  
110.8618, 127.0017

 1.0316, 0.4491,  
0.7362

152.1050,  
140.9357, 160.8293

 0.0000, 0.0000,  
0.0000

188.2754,

176.0089, 200.1862

229.7685,  
216.4659, 245.4908

■ 26.3976, 22.0277,  
26.1530

■ 26.3976, 22.0277,  
26.1530

■ 24.0202, 18.3336,  
22.0900

■ 29.1835, 26.4370,  
30.6648

■ 22.0290, 15.3135,  
18.4595

■ 32.3948, 31.5936,  
35.6385

■ 20.4023, 12.9267,  
15.2457

■ 36.0501, 37.5316,  
41.0880


■ 19.1154, 11.1266,  
12.4314


■ 40.1658, 44.2819,  
47.0264


■ 18.1403, 9.8605,  
9.9978


■ 44.7579, 51.8737,  
53.4660


 17.4442, 9.0657,  
7.9239

 49.8413, 60.3349,  
60.4190

 17.0204, 8.6491,  
6.4540

 55.4305, 69.6919,  
67.8968

 61.5391, 79.9702,  
75.9107

 65.1399, 85.1129,  
83.4578

# Harmonies

## Analogous

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



25.1982, 22.0277, 34.2181



26.3976, 22.0277, 26.1530



26.0396, 22.0277, 18.9796

# Triad

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



26.3976, 22.0277, 26.1530



19.1072, 22.0277, 12.8156



17.9335, 22.0277, 37.3656

# Complementary

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



26.3976, 22.0277, 26.1530



25.8699, 33.2598, 31.8460

# 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.



16.5482, 22.0277, 29.7998



26.3976, 22.0277, 26.1530



17.1849, 22.0277, 16.0263

# Square

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



26.3976, 22.0277, 26.1530



21.6808, 22.0277, 12.2433



16.2861, 22.0277, 21.9392



20.2098, 22.0277, 41.5279



# Rectangle

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



26.3976, 22.0277, 26.1530



24.9782, 22.0277, 15.5228



16.2861, 22.0277, 21.9392



17.3565, 22.0277, 35.0689

# Sweetspot

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



26.3982, 22.0287, 26.1534



58.9806, 58.1403, 65.2852



24.6556, 20.8380, 39.2821



13.0108, 12.7068, 14.3251



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656



# Same Dimension

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



26.3982, 22.0287, 26.1534



44.2407, 34.7187, 41.6951



25.5020, 22.4867, 18.9171



7.6554, 7.5920, 8.5026



13.0474, 6.6277, 5.0613



0.3431, 0.1715, 0.2582



# Inverse Universe

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



26.3982, 22.0287, 26.1534



44.2407, 34.7187, 41.6951



26.9385, 32.4147, 41.3963



7.6554, 7.5920, 8.5026



13.0474, 6.6277, 5.0613

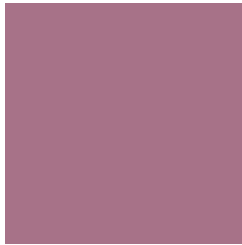


0.3431, 0.1715, 0.2582



# Previews

## White Background



This preview shows how the XYZ color 26.3976, 22.0277, 26.1530 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

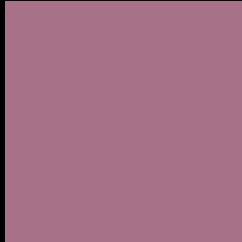
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the XYZ color 26.3976, 22.0277, 26.1530 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 26.3976, 22.0277, 26.1530**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.3976, 22.0277, 26.1530.



This preview shows how white text looks on a background with the XYZ color 26.3976, 22.0277,



# 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

26.3976, 22.0277, 26.1530

### Protanopia

21.7135, 22.2569, 29.9396

### Deuteranopia

22.5791, 22.2184, 25.6528



## Tritanopia

25.6729, 22.0784, 22.3105

# Trichromacy



## Original Color

26.3976, 22.0277, 26.1530

## Protanomaly

23.2455, 22.1191, 28.6354

## Deuteranomaly

23.9104, 22.1524, 25.9373

## Tritanomaly

25.8191, 21.9534, 23.6455

# Monochromacy



## Original Color

26.3976, 22.0277, 26.1530

## Achromatopsia

21.9318, 23.0740, 25.1276

## Achromatomaly

23.2443, 22.3804, 25.2850

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.3976, 22.0277, 26.1530 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(167, 114, 136)` looks like.

```
.text, #text, p{  
    color:rgb(167, 114, 136)  
}
```

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(167, 114, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 114, 136) }
```

## Border

The CSS property to change the border of an element to XYZ 26.3976, 22.0277, 26.1530 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(167, 114, 136) }
```



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

```
.border{ border-color:rgb(167, 114, 136) }
```

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

Here you see how a box with a 4 pixel rgb(167, 114, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 114, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 114, 136);  
box-shadow:4px 4px 4px 4px rgb(167, 114,  
136) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.3976, 22.0277, 26.1530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 114, 136) }
```

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

```
.background{ background-color: rgb(167,  
114, 136) }
```

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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