

# Converting Colors

XYZ(25.6923, 22.5062, 23.0934)

Have a look what the booklet for  
XYZ(25.6923, 22.5062, 23.0934)  
contains.

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# Color

**XYZ(25.7374, 22.6185,  
23.0880)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A4777F
RGB	164, 119, 127
RGB Percent	64%, 47%, 50%
CMY	0.3569, 0.5333, 0.5020
CMYK	0.00, 0.27, 0.23, 0.36
HSL	349°, 20%, 55%
HSV	349°, 27%, 64%
XYZ	25.7374, 22.6185, 23.0880
YIQ	133.3670, 24.2520, 12.0280

# Conversions

## Conversions Part 2

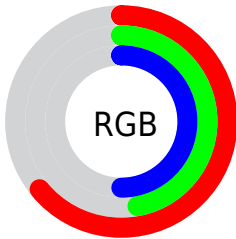
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	164, 119, 127
Decimal	10778495
CIE <sub>Lab</sub>	54.68, 18.84, 2.59
CIE <sub>LCh</sub>	55, 19.013, 7.842
Yxy	22.6185, 0.3602, 0.3166
Android (android.graphics.Color)	4288968575 (0xFFA4777F)
YUV	133.3670, -3.1389, 26.8651
Hunter-Lab	47.5589, 13.3705, 4.5083

# Details

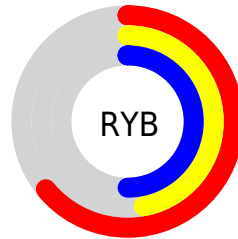
The XYZ color **25.7374, 22.6185, 23.0880** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.8849, 32.8736, 36.3823**, and the grayscale version is **22.4336, 23.6019, 25.7024**.

A 20% lighter version of the original color is **52.5059, 48.0160, 49.6807**, and **10.1208, 8.3099, 8.2783** is the 20% darker color. If you saturate the color by 10%, you get **23.1306, 18.7184, 18.1693**, and if you desaturate by 10%, it is **28.7999, 27.2414, 28.7396**.

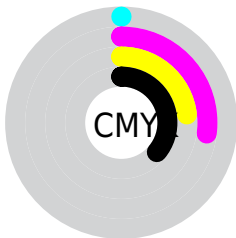
# Distribution



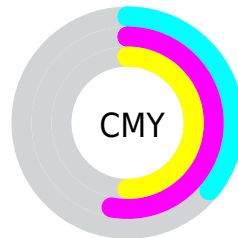
- Red (64%)
- Green (47%)
- Blue (50%)



- Red (64%)
- Yellow (47%)
- Blue (50%)



- Cyan (0%)
- Magenta (27%)
- Yellow (23%)
- Black (36%)



- Cyan (36%)
- Magenta (53%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7374, 22.6185, 23.0880 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 25.7374, 22.6185, 23.0880 by changing the saturation by 10% instead.



■ 25.7374, 22.6185,  
23.0880

■ 25.7374, 22.6185,  
23.0880

273.7710,  
265.7594, 281.3132

■ 16.7589, 14.3121,  
14.4526

■ 52.2853, 47.7661,  
49.4628

■ 10.1570, 8.3380,  
8.2938

■ 70.5855, 65.3761,  
68.0393

■ 5.5662, 4.3120,  
4.1930

■ 92.7236, 86.8561,  
90.7665

■ 2.6213, 1.8496,  
1.7318

119.0651,  
112.5905, 118.0631

■ 0.9568, 0.5178,  
0.3824

149.9752,  
142.9636, 150.3475

■ 0.0000, 0.0000,  
0.0000

185.8193,

178.3598, 188.0383

226.9628,  
219.1637, 231.5540

■ 25.7374, 22.6185,  
23.0880

■ 25.7374, 22.6185,  
23.0880

■ 23.1306, 18.7184,  
18.1693

■ 28.7999, 27.2414,  
28.7396

■ 20.9557, 15.5015,  
13.9518

■ 32.3368, 32.6177,  
35.1511

■ 19.1895, 12.9291,  
10.4038

■ 36.3677, 38.7803,  
42.3498


■ 17.8060, 10.9576,  
7.4902

■ 40.9108, 45.7590,  
50.3614


■ 16.7759, 9.5377,  
5.1729


■ 45.9833, 53.5822,  
59.2102

 16.0657, 8.6124,  
3.4095


 51.6016, 62.2768,  
68.9197

 15.6245, 8.0914,  
2.1481

 57.7814, 71.8686,  
79.5122

 15.5334, 7.9819,  
1.8938

 64.5377, 82.3823,  
91.0096

 68.0706, 86.2128,  
102.1611

# Harmonies

## Analogous

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



25.4458, 22.6185, 29.2364



25.7374, 22.6185, 23.0880



24.8362, 22.6185, 18.2108

# Triad

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



25.7374, 22.6185, 23.0880



19.1221, 22.6185, 16.5997



20.0155, 22.6185, 36.9214

# Complementary

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



25.7374, 22.6185, 23.0880



26.8849, 32.8736, 36.3823

# 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.



18.4736, 22.6185, 32.3985



25.7374, 22.6185, 23.0880



17.9816, 22.6185, 20.5307

# Square

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



25.7374, 22.6185, 23.0880



20.9536, 22.6185, 14.8819



17.7521, 22.6185, 26.2344



22.0521, 22.6185, 37.9040



# Rectangle

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



25.7374, 22.6185, 23.0880



23.7126, 22.6185, 16.1007



17.7521, 22.6185, 26.2344



19.4262, 22.6185, 35.7330

# Sweetspot

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



25.7380, 22.6195, 23.0885



58.2089, 58.4631, 62.9272



26.9603, 22.9181, 38.1247



12.5125, 12.4565, 13.3729



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430



# Same Dimension

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



25.7380, 22.6195, 23.0885



43.6970, 36.5287, 36.2340



27.0621, 26.0690, 21.0596



7.1228, 7.1056, 7.6330



11.9234, 6.1254, 1.5213



0.2640, 0.1341, 0.1031



# Inverse Universe

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



25.7380, 22.6195, 23.0885



43.6970, 36.5287, 36.2340



25.1759, 28.3360, 39.2645



7.1228, 7.1056, 7.6330



11.9234, 6.1254, 1.5213

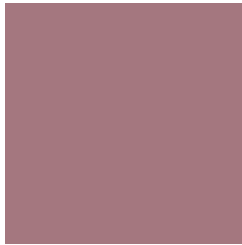


0.2640, 0.1341, 0.1031



# Previews

## White Background



This preview shows how the XYZ color 25.7374, 22.6185, 23.0880 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 25.7374, 22.6185, 23.0880 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

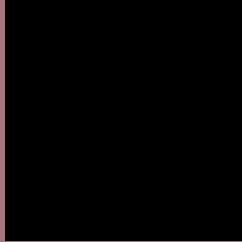
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**XYZ 25.7374, 22.6185, 23.0880**

## **Background**



This preview shows how black text looks on a background with the XYZ color 25.7374, 22.6185, 23.0880.



This preview shows how white text looks on a background with the XYZ color 25.7374, 22.6185,

23.0880.

# 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

25.7374, 22.6185, 23.0880

### Protanopia

21.9586, 22.6730, 25.7732

### Deuteranopia

23.2093, 22.7961, 22.9155



## Tritanopia

25.8029, 22.6447, 23.4330

# Trichromacy



## Original Color

25.7374, 22.6185, 23.0880

## Protanomaly

23.0592, 22.4897, 24.5983

## Deuteranomaly

24.1104, 22.6940, 22.8483

## Tritanomaly

25.8029, 22.6447, 23.4330

# Monochromacy



## Original Color

25.7374, 22.6185, 23.0880

## Achromatopsia

22.2940, 23.4551, 25.5426

## Achromatomaly

23.3175, 23.0063, 24.6844

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 25.7374, 22.6185, 23.0880 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(164, 119, 127)` looks like.

```
.text, #text, p{  
    color:rgb(164, 119, 127)  
}
```

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(164, 119, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 119, 127) }
```

## Border

The CSS property to change the border of an element to XYZ 25.7374, 22.6185, 23.0880 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(164, 119, 127) }
```



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

```
.border{ border-color:rgb(164, 119, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 119, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 119, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 119, 127);  
box-shadow:4px 4px 4px 4px rgb(164, 119,  
127) }
```

# Background

The CSS property to change the background color of an element to XYZ 25.7374, 22.6185, 23.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 119, 127) }
```

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

```
.background{ background-color: rgb(164,  
119, 127) }
```

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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