

# Converting Colors

XYZ(25.7461, 21.2327, 16.9398)

Have a look what the booklet for  
XYZ(25.7461, 21.2327, 16.9398)  
contains.

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# Color

**XYZ(25.7383, 21.2332,  
16.9292)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE6E6C
RGB	174, 110, 108
RGB Percent	68%, 43%, 42%
CMY	0.3176, 0.5686, 0.5765
CMYK	0.00, 0.37, 0.38, 0.32
HSL	2°, 29%, 55%
HSV	2°, 38%, 68%
XYZ	25.7383, 21.2332, 16.9292
YIQ	128.9080, 38.7860, 12.9460

# Conversions

## Conversions Part 2

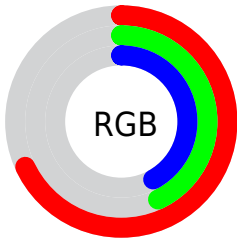
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 110, 108
Decimal	11431532
CIELab	53.20, 25.19, 11.77
CIELCh	53, 27.805, 25.048
Yxy	21.2332, 0.4028, 0.3323
Android (android.graphics.Color)	4289621612 (0xFFAE6E6C)
YUV	128.9080, -10.3076, 39.5457
Hunter-Lab	46.0795, 19.0644, 10.4730

# Details

The XYZ color **25.7383, 21.2332, 16.9292** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.5764, 35.7480, 45.4385**, and the grayscale version is **20.8599, 21.9463, 23.8995**.

A 20% lighter version of the original color is **52.1333, 45.3328, 38.8033**, and **10.1188, 7.5963, 5.3478** is the 20% darker color. If you saturate the color by 10%, you get **23.2528, 17.5992, 11.9789**, and if you desaturate by 10%, it is **28.7564, 25.6364, 22.9693**.

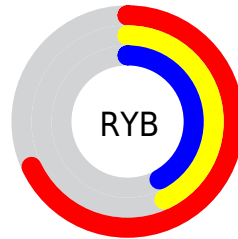
# Distribution



Red (68%)

Green (43%)

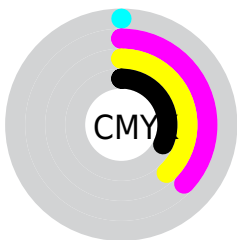
Blue (42%)



Red (68%)

Yellow (43%)

Blue (42%)

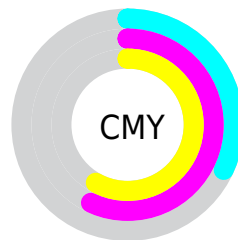


Cyan (0%)

Magenta (37%)

Yellow (38%)

Black (32%)



Cyan (32%)

Magenta (57%)


Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7383, 21.2332, 16.9292 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 25.7383, 21.2332, 16.9292 by changing the saturation by 10% instead.





 25.7383, 21.2332,  
16.9292

 25.7383, 21.2332,  
16.9292

273.7754,  
258.5152, 246.7942


 16.7596, 13.2946,  
10.0226


 52.2868, 45.4753,  
38.9930


 10.1575, 7.6317,  
5.3081


 70.5873, 62.5476,  
54.9873

 5.5666, 3.8602,  
2.3673

 92.7258, 83.4332,  
74.8478

 2.6215, 1.5957,  
0.7686

 119.0676,  
108.5166, 98.9932

 0.9569, 0.3547,  
0.0000

149.9781,  
138.1821, 127.8421

 0.0000, 0.0000,  
0.0000

185.8227,

172.8141, 161.8128

226.9666,  
212.7970, 201.3240

■ 25.7383, 21.2332,  
16.9292

■ 25.7383, 21.2332,  
16.9292

■ 23.2528, 17.5992,  
11.9789

■ 28.7564, 25.6364,  
22.9693

■ 21.2673, 14.6873,  
8.0523

■ 32.3336, 30.8461,  
30.1573

■ 19.7486, 12.4503,  
5.0782


■ 36.4969, 36.9009,  
38.5489

■ 18.6584, 10.8341,  
2.9756


■ 41.2709, 43.8359,  
48.1957


■ 17.9526, 9.7760,  
1.6503


■ 46.6789, 51.6844,  
59.1462


 17.5706, 9.1971,  
0.9525

 52.7427, 60.4780,  
71.4465

 17.5130, 9.1134,  
0.8360

 59.4835, 70.2465,  
85.1403

 66.9212, 81.0186,  
100.2695

 71.2656, 87.7387,  
107.7869

# Harmonies

## Analogous

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



26.3424, 21.2332, 24.5427



25.7383, 21.2332, 16.9292



23.5904, 21.2332, 12.2409

# Triad

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



25.7383, 21.2332, 16.9292



15.9002, 21.2332, 15.0410



19.6983, 21.2332, 43.2498

# Complementary

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



25.7383, 21.2332, 16.9292



28.5764, 35.7480, 45.4385

# 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.



17.1179, 21.2332, 39.0586



25.7383, 21.2332, 16.9292



15.0649, 21.2332, 21.7521

# Square

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



25.7383, 21.2332, 16.9292



17.8852, 21.2332, 11.3503



15.4883, 21.2332, 30.6598



22.6665, 21.2332, 41.0711



# Rectangle

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



25.7383, 21.2332, 16.9292



21.6729, 21.2332, 10.7556



15.4883, 21.2332, 30.6598



18.7602, 21.2332, 42.5148

# Sweetspot

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



25.7389, 21.2342, 16.9296



63.6171, 63.1771, 64.7095



30.3515, 22.7373, 42.2737



13.9141, 13.7140, 13.9278



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832



# Same Dimension

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



25.7389, 21.2342, 16.9296



42.6354, 32.5924, 22.6363



29.8504, 29.4574, 18.3001



8.0240, 8.0529, 8.3448



12.7102, 6.6260, 0.6090



0.3598, 0.1967, 0.0190



# Inverse Universe

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



28.5764, 35.7480, 45.4385



48.5596, 62.9149, 82.2213



23.1880, 24.9713, 43.6424



8.2152, 9.0297, 10.2626



15.8022, 22.7382, 32.6006



0.4459, 0.6452, 0.9090



# Previews

## White Background



This preview shows how the XYZ color 25.7383, 21.2332, 16.9292 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 25.7383, 21.2332, 16.9292 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 25.7383, 21.2332, 16.9292**

## **Background**



This preview shows how black text looks on a background with the XYZ color 25.7383, 21.2332, 16.9292.



This preview shows how white text looks on a background with the XYZ color 25.7383, 21.2332,



# 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

25.7383, 21.2332, 16.9292

### Protanopia

20.3160, 21.3686, 19.8834

### Deuteranopia

21.7171, 21.4096, 16.6235



## Tritanopia

26.3587, 21.3356, 19.5585

# Trichromacy



## Original Color

25.7383, 21.2332, 16.9292

## Protanomaly

21.9073, 21.0927, 18.8362

## Deuteranomaly

23.0369, 21.1865, 16.7851

## Tritanomaly

26.1851, 21.2661, 18.6443

# Monochromacy



## Original Color

25.7383, 21.2332, 16.9292

## Achromatopsia

20.8660, 21.9526, 23.9064

## Achromatomaly

22.0878, 21.3193, 21.0400

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 25.7383, 21.2332, 16.9292 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(174, 110, 108)` looks like.

```
.text, #text, p{  
    color:rgb(174, 110, 108)  
}
```

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(174, 110, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 110, 108) }
```

## Border

The CSS property to change the border of an element to XYZ 25.7383, 21.2332, 16.9292 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(174, 110, 108) }
```



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

```
.border{ border-color:rgb(174, 110, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 110, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 110, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 110, 108);  
box-shadow:4px 4px 4px 4px rgb(174, 110,  
108) }
```

# Background

The CSS property to change the background color of an element to XYZ 25.7383, 21.2332, 16.9292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 110, 108) }
```

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

```
.background{ background-color: rgb(174,  
110, 108) }
```

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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