

Converting Colors

XYZ(25.7493, 24.5858, 21.9335)

Have a look what the booklet for
XYZ(25.7493, 24.5858, 21.9335)
contains.

XYZ(25.6612, 24.4766, 21.7843)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.6612, 24.4766,
21.7843)**

Conversions

Conversions Part 1

Format	Color
Hex	9F817A
RGB	159, 129, 122
RGB Percent	62%, 51%, 48%
CMY	0.3765, 0.4941, 0.5216
CMYK	0.00, 0.19, 0.23, 0.38
HSL	11°, 16%, 55%
HSV	11°, 23%, 62%
XYZ	25.6612, 24.4766, 21.7843
YIQ	137.1720, 20.1270, 4.1830

Conversions

Conversions Part 2

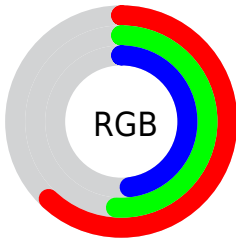
Format	Color
R_{YB}	159, 131, 122
Decimal	10453370
CIE _{Lab}	56.56, 10.39, 8.13
CIE _{LCh}	57, 13.196, 38.044
Yxy	24.4766, 0.3568, 0.3403
Android (android.graphics.Color)	4288643450 (0xFF9F817A)
YUV	137.1720, -7.4798, 19.1432
Hunter-Lab	49.4738, 6.0056, 8.5251

Details

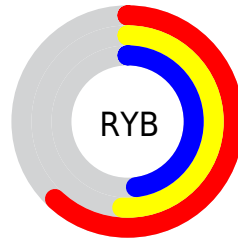
The XYZ color **25.6612, 24.4766, 21.7843** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.5120, 29.0965, 37.0726**, and the grayscale version is **23.8655, 25.1084, 27.3431**.

A 20% lighter version of the original color is **52.0995, 50.8080, 47.1054**, and **10.1347, 9.3442, 7.5728** is the 20% darker color. If you saturate the color by 10%, you get **23.1634, 20.9307, 16.4824**, and if you desaturate by 10%, it is **28.5358, 28.5177, 28.0077**.

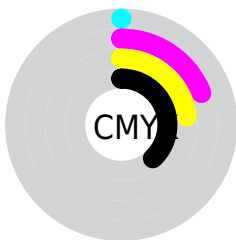
Distribution



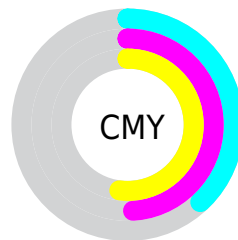
- Red (62%)
- Green (51%)
- Blue (48%)



- Red (62%)
- Yellow (51%)
- Blue (48%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (38%)



- Cyan (38%)
- Magenta (49%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6612, 24.4766, 21.7843 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 25.6612, 24.4766, 21.7843 by changing the saturation by 10% instead.

■ 25.6612, 24.4766,
21.7843

■ 25.6612, 24.4766,
21.7843

273.4022,
275.2212, 274.3344

■ 16.7017, 15.6875,
13.5017

■ 52.1631, 50.8068,
47.2868

■ 10.1160, 9.3033,
7.6401

■ 70.4362, 69.1168,
65.3439

■ 5.5388, 4.9396,
3.7811

■ 92.5445, 91.3692,
87.4961

■ 2.6047, 2.2118,
1.5060

118.8534,
117.9484, 114.1621

■ 0.9484, 0.7264,
0.2224

149.7283,
149.2388, 145.7604

■ 0.0000, 0.0000,
0.0000

185.5345,

185.6248, 182.7095

226.6374,
227.4908, 225.4280

■ 25.6612, 24.4766,
21.7843

■ 25.6612, 24.4766,
21.7843

■ 23.1634, 20.9307,
16.4824

■ 28.5358, 28.5177,
28.0077

■ 21.0246, 17.8575,
12.0565

■ 31.7999, 33.0687,
35.1919

■ 19.2286, 15.2380,
8.4596

■ 35.4684, 38.1476,
43.3760

■ 17.7570, 13.0504,
5.6397

■ 39.5545, 43.7708,
52.5962

■ 16.5897, 11.2710,
3.5389

■ 44.0709, 49.9538,
62.8872

■ 15.7043, 9.8741,
2.0910

■ 49.0298, 56.7117,
74.2819

■ 15.0748, 8.8304,
1.2175

■ 54.4428, 64.0586,
86.8117

■ 14.7648, 8.3043,
0.8247

■ 60.3212, 72.0086,
100.5070

■ 65.0063, 79.9072,
106.6052

Harmonies

Analogous

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



26.3034, 24.4766, 25.4882



25.6612, 24.4766, 21.7843



24.3827, 24.4766, 19.5695

Triad

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



25.6612, 24.4766, 21.7843



20.6387, 24.4766, 23.6204



23.6787, 24.4766, 35.9035

Complementary

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



25.6612, 24.4766, 21.7843



25.5120, 29.0965, 37.0726

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.



22.1806, 24.4766, 35.2625



25.6612, 24.4766, 21.7843



20.4687, 24.4766, 27.8484

Square

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



25.6612, 24.4766, 21.7843



21.4964, 24.4766, 20.5458



21.0215, 24.4766, 32.1930



25.1265, 24.4766, 33.8593

Rectangle

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



25.6612, 24.4766, 21.7843



23.3649, 24.4766, 19.0798



21.0215, 24.4766, 32.1930



23.1639, 24.4766, 35.9988

Sweetspot

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



25.6619, 24.4777, 21.7848



54.6078, 55.9637, 57.8463



26.9431, 23.5644, 32.9274



12.2390, 12.5163, 12.8821



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.6619, 24.4777, 21.7848



43.5211, 40.3863, 33.8166



28.2890, 29.7320, 22.6605



6.7296, 6.8393, 6.9511



11.6857, 6.6070, 0.6594



0.2334, 0.1670, 0.0199

Inverse Universe

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



25.5120, 29.0965, 37.0726



43.2008, 50.1471, 66.1459



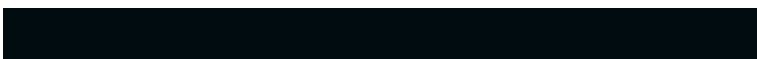
22.7703, 23.6130, 36.1587



6.7151, 7.2959, 8.4610



11.1618, 14.4152, 28.1014



0.2248, 0.3082, 0.5109

Previews

White Background



This preview shows how the XYZ color 25.6612, 24.4766, 21.7843 looks on a white background.

Color Contrast Check

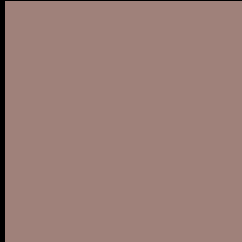
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6612, 24.4766, 21.7843 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 25.6612, 24.4766, 21.7843

Background



This preview shows how black text looks on a background with the XYZ color 25.6612, 24.4766, 21.7843.



This preview shows how white text looks on a background with the XYZ color 25.6612, 24.4766,

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

25.6612, 24.4766, 21.7843

Protanopia

23.3501, 24.4713, 22.8948

Deuteranopia

24.9556, 24.5078, 21.8275



Tritanopia

26.8027, 24.5620, 26.9952

Trichromacy



Original Color

25.6612, 24.4766, 21.7843

Protanomaly

24.2384, 24.5262, 22.5253

Deuteranomaly

25.2058, 24.4383, 21.8009

Tritanomaly

26.3812, 24.5779, 25.1834

Monochromacy



Original Color

25.6612, 24.4766, 21.7843

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.3670, 24.7359, 25.3200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6612, 24.4766, 21.7843 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(159, 129, 122)` looks like.

```
.text, #text, p{  
    color:rgb(159, 129, 122)  
}
```

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(159, 129, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 129, 122) }
```

Border

The CSS property to change the border of an element to XYZ 25.6612, 24.4766, 21.7843 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(159, 129, 122) }
```


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

```
.border{ border-color:rgb(159, 129, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 129, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 129, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 129, 122); box-shadow:4px 4px 4px 4px rgb(159, 129, 122) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6612, 24.4766, 21.7843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 129, 122) }
```

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

```
.background{ background-color: rgb(159,  
129, 122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor