

Converting Colors

XYZ(25.3813, 22.5414, 19.6733)

Have a look what the booklet for
XYZ(25.3813, 22.5414, 19.6733)
contains.

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Color

**XYZ(25.2663, 22.4539,
19.5254)**

Conversions

Conversions Part 1

Format	Color
Hex	A57774
RGB	165, 119, 116
RGB Percent	65%, 47%, 45%
CMY	0.3529, 0.5333, 0.5451
CMYK	0.00, 0.28, 0.30, 0.35
HSL	4°, 21%, 55%
HSV	4°, 30%, 65%
XYZ	25.2663, 22.4539, 19.5254
YIQ	132.4120, 28.3790, 8.8190

Conversions

Conversions Part 2

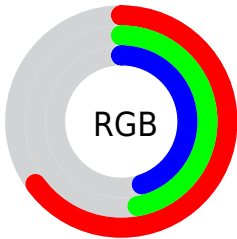
Format	Color
R_{YB}	165, 119, 116
Decimal	10844020
CIE _{Lab}	54.51, 17.59, 8.78
CIE _{LCh}	55, 19.659, 26.520
Yxy	22.4539, 0.3757, 0.3339
Android (android.graphics.Color)	4289034100 (0xFFA57774)
YUV	132.4120, -8.0911, 28.5797
Hunter-Lab	47.3855, 12.2527, 8.7392

Details

The XYZ color **25.2663, 22.4539, 19.5254** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.9141, 32.2695, 40.4077**, and the grayscale version is **22.1026, 23.2536, 25.3232**.

A 20% lighter version of the original color is **51.4496, 47.3251, 43.4688**, and **9.9156, 8.2424, 6.5372** is the 20% darker color. If you saturate the color by 10%, you get **22.6950, 18.7131, 14.3462**, and if you desaturate by 10%, it is **28.3098, 26.8658, 25.7036**.

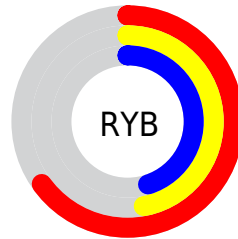
Distribution



Red (65%)

Green (47%)

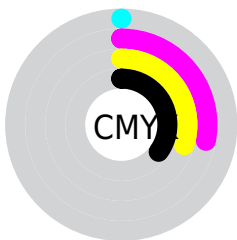
Blue (45%)



Red (65%)

Yellow (47%)

Blue (45%)

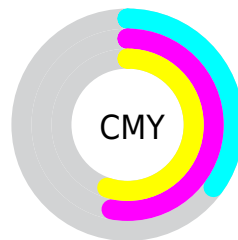


Cyan (0%)

Magenta (28%)

Yellow (30%)

Black (35%)



Cyan (35%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2663, 22.4539, 19.5254 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 25.2663, 22.4539, 19.5254 by changing the saturation by 10% instead.

■ 25.2663, 22.4539,
19.5254

■ 25.2663, 22.4539,
19.5254

271.4848,
264.9076, 261.8528

■ 16.4054, 14.1908,
11.8699

■ 51.5287, 47.4951,
43.4685

■ 9.9041, 8.2535,
6.5337

■ 69.6609, 65.0419,
60.5932

■ 5.3972, 4.2576,
3.0982

■ 91.6141, 86.4521,
81.7113

■ 2.5193, 1.8187,
1.1450

117.7539,
112.1101, 107.2414

■ 0.9050, 0.4988,
0.0000

148.4455,
142.4002, 137.6021

■ 0.0000, 0.0000,
0.0000

184.0543,

177.7069, 173.2119

224.9456,
218.4146, 214.4893

■ 25.2663, 22.4539,
19.5254

■ 25.2663, 22.4539,
19.5254

■ 22.6950, 18.7131,
14.3462

■ 28.3098, 26.8658,
25.7036

■ 20.5704, 15.6077,
10.1122

■ 31.8455, 31.9762,
32.9278

■ 18.8676, 13.1032,
6.7668

■ 35.8946, 37.8146,
41.2441

■ 17.5584, 11.1607,
4.2465

■ 40.4764, 44.4081,
50.6949

■ 16.6112, 9.7369,
2.4798

■ 45.6093, 51.7822,
61.3209

■ 15.9893, 8.7818,
1.3827

■ 51.3108, 59.9613,
73.1602

■ 15.6348, 8.2303,
0.7789

■ 57.5977, 68.9688,
86.2497

■ 15.6269, 8.2189,
0.7628

■ 64.4858, 78.8270,
100.6245

■ 69.3272, 86.7394,
107.6962

Harmonies

Analogous

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



25.7485, 22.4539, 25.1755



25.2663, 22.4539, 19.5254



23.7090, 22.4539, 15.8295

Triad

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



25.2663, 22.4539, 19.5254



18.0703, 22.4539, 18.4715



21.0914, 22.4539, 38.3022

Complementary

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



25.2663, 22.4539, 19.5254



26.9141, 32.2695, 40.4077

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.



19.1376, 22.4539, 35.7365



25.2663, 22.4539, 19.5254



17.4689, 22.4539, 23.7356

Square

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



25.2663, 22.4539, 19.5254



19.5453, 22.4539, 15.2968



17.8462, 22.4539, 30.1365



23.2450, 22.4539, 36.6718

Rectangle

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



25.2663, 22.4539, 19.5254



22.3218, 22.4539, 14.6327



17.8462, 22.4539, 30.1365



20.3908, 22.4539, 37.8924

Sweetspot

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



25.2669, 22.4550, 19.5259



57.3947, 57.7894, 59.7130



28.3333, 23.1187, 37.4086



12.3421, 12.3373, 12.6335



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.



25.2669, 22.4550, 19.5259



41.9569, 35.4255, 28.3265



28.4847, 28.8905, 20.5984



7.1070, 7.1524, 7.3861



11.8355, 6.2450, 0.5816



0.2585, 0.1509, 0.0155

Inverse Universe

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



26.9141, 32.2695, 40.4077



45.4111, 56.0251, 72.1728



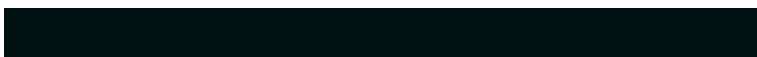
23.0900, 24.6213, 39.1330



7.2388, 7.9366, 9.0535



14.0045, 19.7883, 30.0112



0.3046, 0.4366, 0.6341

Previews

White Background



This preview shows how the XYZ color 25.2663, 22.4539, 19.5254 looks on a white background.

Color Contrast Check

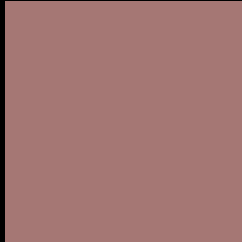
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2663, 22.4539, 19.5254 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 25.2663, 22.4539, 19.5254

Background



This preview shows how black text looks on a background with the XYZ color 25.2663, 22.4539, 19.5254.



This preview shows how white text looks on a background with the XYZ color 25.2663, 22.4539,

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

25.2663, 22.4539, 19.5254

Protanopia

21.4872, 22.5213, 21.6269

Deuteranopia

22.9498, 22.5491, 19.3625



Tritanopia

25.8531, 22.3359, 22.6873

Trichromacy



Original Color

25.2663, 22.4539, 19.5254

Protanomaly

22.7051, 22.3888, 20.8941

Deuteranomaly

23.6950, 22.3723, 19.2891

Tritanomaly

25.7172, 22.4690, 21.3939

Monochromacy



Original Color

25.2663, 22.4539, 19.5254

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.8569, 22.6144, 22.8990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2663, 22.4539, 19.5254 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(165, 119, 116)` looks like.

```
.text, #text, p{  
    color:rgb(165, 119, 116)  
}
```

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(165, 119, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 119, 116) }
```

Border

The CSS property to change the border of an element to XYZ 25.2663, 22.4539, 19.5254 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(165, 119, 116) }
```


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

```
.border{ border-color:rgb(165, 119, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 119, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 119, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 119, 116);  
box-shadow:4px 4px 4px 4px rgb(165, 119,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2663, 22.4539, 19.5254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 119, 116) }
```

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

```
.background{ background-color: rgb(165,  
119, 116) }
```

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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