

Converting Colors

XYZ(25.4264, 22.0783, 16.5581)

Have a look what the booklet for
XYZ(25.4264, 22.0783, 16.5581)
contains.

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Color

**XYZ(25.4245, 22.0774,
16.5570)**

Conversions

Conversions Part 1

Format	Color
Hex	AA746A
RGB	170, 116, 106
RGB Percent	67%, 45%, 42%
CMY	0.3333, 0.5451, 0.5843
CMYK	0.00, 0.32, 0.38, 0.33
HSL	9°, 27%, 54%
HSV	9°, 38%, 67%
XYZ	25.4245, 22.0774, 16.5570
YIQ	131.0060, 35.3940, 8.3380

Conversions

Conversions Part 2

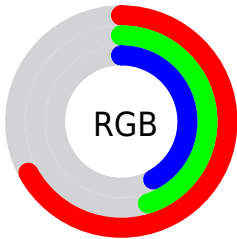
Format	Color
R_{YB}	170, 118, 106
Decimal	11170922
CIE _{Lab}	54.11, 19.97, 14.13
CIE _{LCh}	54, 24.460, 35.278
Yxy	22.0774, 0.3969, 0.3446
Android (android.graphics.Color)	4289361002 (0xFFAA746A)
YUV	131.0060, -12.3280, 34.1977
Hunter-Lab	46.9866, 14.3600, 11.9982

Details

The XYZ color **25.4245, 22.0774, 16.5570** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.7700, 31.1071, 42.6764**, and the grayscale version is **21.6098, 22.7352, 24.7586**.

A 20% lighter version of the original color is **51.7670, 46.7705, 38.1975**, and **9.9990, 8.0431, 5.1631** is the 20% darker color. If you saturate the color by 10%, you get **23.0990, 18.7037, 11.8441**, and if you desaturate by 10%, it is **28.1817, 26.0339, 22.2789**.

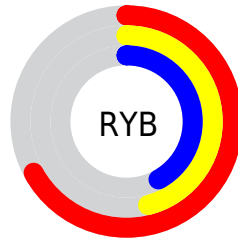
Distribution



Red (67%)

Green (45%)

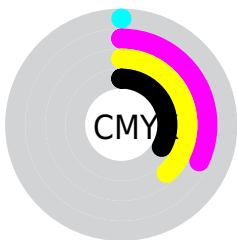
Blue (42%)



Red (67%)

Yellow (46%)

Blue (42%)

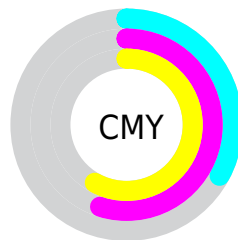


Cyan (0%)

Magenta (32%)

Yellow (38%)

Black (33%)



Cyan (33%)


Magenta (55%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4245, 22.0774, 16.5570 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 25.4245, 22.0774, 16.5570 by changing the saturation by 10% instead.


 25.4245, 22.0774,
16.5570


 25.4245, 22.0774,
16.5570

272.2542,
262.9502, 244.5633

 16.5240, 13.9138,
9.7605


 51.7830, 46.8739,
38.3427


 9.9889, 8.0607,
5.1370


 69.9717, 64.2756,
54.1690

 5.4538, 4.1338,
2.2677

 91.9873, 85.5253,
73.8423

 2.5534, 1.7487,
0.7130

 118.1949,
111.0077, 97.7812

 0.9223, 0.4549,
0.0000

148.9601,
141.1069, 126.4042

 0.0000, 0.0000,
0.0000

184.6482,

176.2075, 160.1299

225.6244,
216.6938, 199.3767

■ 25.4245, 22.0774,
16.5570

■ 25.4245, 22.0774,
16.5570

■ 23.0990, 18.7037,
11.8441

■ 28.1817, 26.0339,
22.2789

■ 21.1814, 15.8821,
8.0802

■ 31.3894, 30.5957,
29.0625

■ 19.6482, 13.5838,
5.2009

■ 35.0673, 35.7880,
36.9583


■ 18.4726, 11.7763,
3.1332


■ 39.2334, 41.6335,
46.0132


■ 17.6245, 10.4233,
1.7925


■ 43.9049, 48.1540,
56.2714

 17.0625, 9.4807,
1.0456

 49.0979, 55.3701,
67.7750

 16.9598, 9.3104,
0.9032

 54.8280, 63.3015,
80.5636

 61.1100, 71.9673,
94.6755

 67.3073, 81.1254,
106.7190

Harmonies

Analogous

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



26.4777, 22.0774, 22.7209



25.4245, 22.0774, 16.5570



23.1878, 22.0774, 13.0702

Triad

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



25.4245, 22.0774, 16.5570



16.6874, 22.0774, 18.4375



21.4562, 22.0774, 41.6942

Complementary

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



25.4245, 22.0774, 16.5570



25.7700, 31.1071, 42.6764

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.



18.9243, 22.0774, 39.8798



25.4245, 22.0774, 16.5570



16.3080, 22.0774, 25.4062

Square

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



25.4245, 22.0774, 16.5570



18.1765, 22.0774, 13.9851



17.0930, 22.0774, 33.4901



24.0665, 22.0774, 38.0279

Rectangle

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



25.4245, 22.0774, 16.5570



21.4061, 22.0774, 12.2309



17.0930, 22.0774, 33.4901



20.5673, 22.0774, 41.7121

Sweetspot

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



25.4251, 22.0785, 16.5574



61.1551, 61.4527, 61.7303



28.1120, 21.4064, 36.0918



13.4410, 13.4264, 13.3431



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.4251, 22.0785, 16.5574



42.6265, 34.9801, 22.9232



29.7065, 30.6414, 17.9846



7.6223, 7.7247, 7.8785



12.5034, 6.9040, 0.6736



0.3313, 0.2222, 0.0254

Inverse Universe

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



25.7700, 31.1071, 42.6764



43.3238, 53.6658, 77.0770



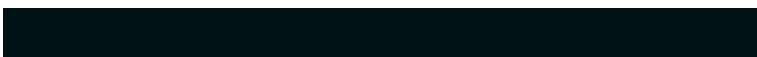
20.9712, 21.5096, 41.0768



7.6462, 8.3294, 9.6231



12.6435, 16.7472, 30.5416



0.3336, 0.4594, 0.7517

Previews

White Background



This preview shows how the XYZ color 25.4245, 22.0774, 16.5570 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 25.4245, 22.0774, 16.5570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

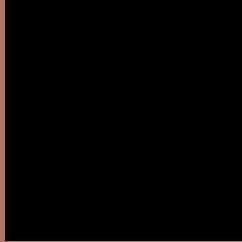
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4245, 22.0774, 16.5570

Background



This preview shows how black text looks on a background with the XYZ color 25.4245, 22.0774, 16.5570.



This preview shows how white text looks on a background with the XYZ color 25.4245, 22.0774,

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

25.4245, 22.0774, 16.5570

Protanopia

20.9842, 22.1270, 18.7877

Deuteranopia

22.5948, 22.2460, 16.1997



Tritanopia

26.5434, 22.2104, 21.3004

Trichromacy



Original Color

25.4245, 22.0774, 16.5570

Protanomaly

22.2349, 21.8370, 17.7949

Deuteranomaly

23.6099, 22.2081, 16.4068

Tritanomaly

26.0777, 22.1803, 19.4298

Monochromacy



Original Color

25.4245, 22.0774, 16.5570

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.6508, 22.3466, 21.5319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4245, 22.0774, 16.5570 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(170, 116, 106)` looks like.

```
.text, #text, p{  
    color:rgb(170, 116, 106)  
}
```

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(170, 116, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 116, 106) }
```

Border

The CSS property to change the border of an element to XYZ 25.4245, 22.0774, 16.5570 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(170, 116, 106) }
```


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

```
.border{ border-color:rgb(170, 116, 106) }
```

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

Here you see how a box with a 4 pixel rgb(170, 116, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 116, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 116, 106);  
box-shadow:4px 4px 4px 4px rgb(170, 116,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4245, 22.0774, 16.5570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 116, 106) }
```

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

```
.background{ background-color: rgb(170,  
116, 106) }
```

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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