

Converting Colors

XYZ(26.8866, 25.5019, 22.6452)

Have a look what the booklet for
XYZ(26.8866, 25.5019, 22.6452)
contains.

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Color

**XYZ(26.8586, 25.4744,
22.5702)**

Conversions

Conversions Part 1

Format	Color
Hex	A3837C
RGB	163, 131, 124
RGB Percent	64%, 51%, 49%
CMY	0.3608, 0.4863, 0.5137
CMYK	0.00, 0.20, 0.24, 0.36
HSL	11°, 17%, 56%
HSV	11°, 24%, 64%
XYZ	26.8586, 25.4744, 22.5702
YIQ	139.7700, 21.3190, 4.6070

Conversions

Conversions Part 2

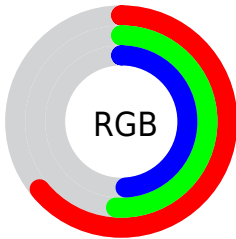
Format	Color
R_{YB}	163, 133, 124
Decimal	10716028
CIE _{Lab}	57.53, 11.15, 8.42
CIE _{LCh}	58, 13.971, 37.059
Yxy	25.4744, 0.3586, 0.3401
Android (android.graphics.Color)	4288906108 (0xFFA3837C)
YUV	139.7700, -7.7746, 20.3727
Hunter-Lab	50.4722, 6.6619, 8.8172

Details

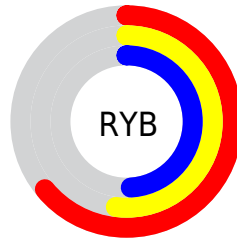
The XYZ color **26.8586, 25.4744, 22.5702** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.8110, 30.7052, 39.1639**, and the grayscale version is **24.8620, 26.1567, 28.4847**.

A 20% lighter version of the original color is **53.8904, 52.3210, 48.3329**, and **10.8428, 9.9221, 8.0003** is the 20% darker color. If you saturate the color by 10%, you get **24.2303, 21.7331, 17.0219**, and if you desaturate by 10%, it is **29.8906, 29.7499, 29.0943**.

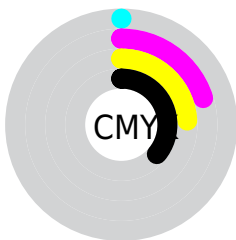
Distribution



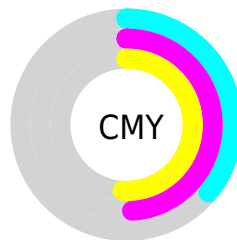
- Red (64%)
- Green (51%)
- Blue (49%)



- Red (64%)
- Yellow (52%)
- Blue (49%)



- Cyan (0%)
- Magenta (20%)
- Yellow (24%)
- Black (36%)





- Cyan (36%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8586, 25.4744, 22.5702 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 26.8586, 25.4744, 22.5702 by changing the saturation by 10% instead.


 26.8586, 25.4744,
22.5702


 26.8586, 25.4744,
22.5702


279.1519,
280.1923, 278.5597


 17.6031, 16.4309,
14.0742


 54.0784, 52.4258,
48.6008

 10.7634, 9.8295,
8.0329


 72.7734, 71.1024,
66.9725

 5.9741, 5.2861,
4.0279


 95.3455, 93.7589,
89.4732

 2.8698, 2.4161,
1.6407

122.1603,
120.7796, 116.5213

 1.0853, 0.8341,
0.3196

153.5829,
152.5489, 148.5355

 0.0128, 0.0000,
0.0000

189.9788,

 0.0000, 0.0000,

189.4511, 185.9343

0.0000

231.7134,
231.8708, 229.1362

■ 26.8586, 25.4744,
22.5702

■ 26.8586, 25.4744,
22.5702

■ 24.2303, 21.7331,
17.0219

■ 29.8906, 29.7499,
29.0943

■ 21.9863, 18.5016,
12.4008

■ 33.3403, 34.5758,
36.6365

■ 20.1090, 15.7586,
8.6566

■ 37.2236, 39.9721,
45.2384

■ 18.5784, 13.4801,
5.7334

■ 41.5550, 45.9567,
54.9389

■ 17.3725, 11.6399,
3.5689

■ 46.3483, 52.5466,
65.7748

■ 16.4666, 10.2094,
2.0918

■ 51.6167, 59.7583,
77.7814

■ 15.8324, 9.1561,
1.2172

■ 57.3727, 67.6075,
90.9923

■ 15.5503, 8.6786,
0.8556

■ 63.6287, 76.1095,
105.4399

■ 67.7639, 84.2259,
107.2934

Harmonies

Analogous

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



27.5311, 25.4744, 26.6256



26.8586, 25.4744, 22.5702



25.4822, 25.4744, 20.1209

Triad

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



26.8586, 25.4744, 22.5702



21.3822, 25.4744, 24.3145



24.6083, 25.4744, 37.8688

Complementary

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



26.8586, 25.4744, 22.5702



26.8110, 30.7052, 39.1639

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.



22.9860, 25.4744, 37.0675



26.8586, 25.4744, 22.5702



21.1722, 25.4744, 28.8795

Square

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



26.8586, 25.4744, 22.5702



22.3340, 25.4744, 21.0445



21.7465, 25.4744, 33.6383



26.1939, 25.4744, 35.7170

Rectangle

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



26.8586, 25.4744, 22.5702



24.3773, 25.4744, 19.5507



21.7465, 25.4744, 33.6383



24.0488, 25.4744, 37.9395

Sweetspot

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



26.8593, 25.4756, 22.5707



57.6472, 59.0438, 61.0822



28.3552, 24.6193, 34.9325



12.8692, 13.1518, 13.5477



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.



26.8593, 25.4756, 22.5707



45.3738, 41.7484, 34.6357



29.6488, 31.0546, 23.5006



7.1719, 7.2822, 7.4077



12.1105, 6.7949, 0.6733



0.2815, 0.1967, 0.0231

Inverse Universe

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



26.8110, 30.7052, 39.1639



45.2672, 52.8455, 69.8705



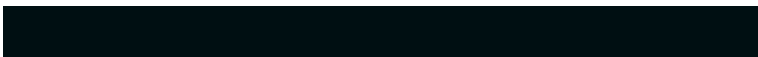
23.8689, 24.8210, 38.1832



7.1674, 7.7939, 9.0297



11.7642, 15.3079, 29.2645



0.2738, 0.3749, 0.6238

Previews

White Background



This preview shows how the XYZ color 26.8586, 25.4744, 22.5702 looks on a white background.

Color Contrast Check

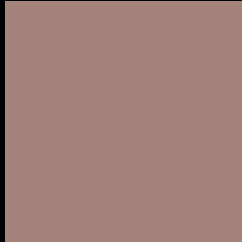
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8586, 25.4744, 22.5702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

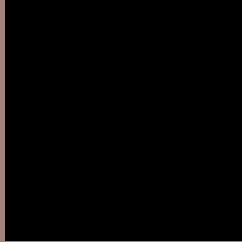
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8586, 25.4744, 22.5702

Background



This preview shows how black text looks on a background with the XYZ color 26.8586, 25.4744, 22.5702.



This preview shows how white text looks on a background with the XYZ color 26.8586, 25.4744,

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

26.8586, 25.4744, 22.5702

Protanopia

24.3125, 25.5751, 24.0772

Deuteranopia

25.9302, 25.3984, 22.6045



Tritanopia

28.0275, 25.5639, 27.8832

Trichromacy



Original Color

26.8586, 25.4744, 22.5702

Protanomaly

25.0724, 25.3443, 23.6491

Deuteranomaly

26.1874, 25.3287, 22.5775

Tritanomaly

27.5955, 25.5790, 26.0371

Monochromacy



Original Color

26.8586, 25.4744, 22.5702

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.4615, 25.9085, 26.2131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8586, 25.4744, 22.5702 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(163, 131, 124)` looks like.

```
.text, #text, p{  
    color:rgb(163, 131, 124)  
}
```

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(163, 131, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 131, 124) }
```

Border

The CSS property to change the border of an element to XYZ 26.8586, 25.4744, 22.5702 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(163, 131, 124) }
```


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

```
.border{ border-color:rgb(163, 131, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 131, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 131, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 131, 124);  
box-shadow:4px 4px 4px 4px rgb(163, 131,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8586, 25.4744, 22.5702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 131, 124) }
```

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

```
.background{ background-color: rgb(163,  
131, 124) }
```

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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