

Converting Colors

XYZ(25.8398, 24.5150, 16.7851)

Have a look what the booklet for
XYZ(25.8398, 24.5150, 16.7851)
contains.

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Color

**XYZ(25.7860, 24.4576,
16.7263)**

Conversions

Conversions Part 1

Format	Color
Hex	A58069
RGB	165, 128, 105
RGB Percent	65%, 50%, 41%
CMY	0.3529, 0.4980, 0.5882
CMYK	0.00, 0.22, 0.36, 0.35
HSL	23°, 25%, 53%
HSV	23°, 36%, 65%
XYZ	25.7860, 24.4576, 16.7263
YIQ	136.4410, 29.4350, 0.6910

Conversions

Conversions Part 2

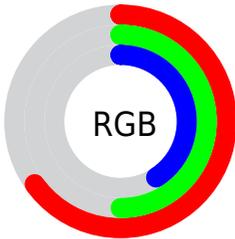
Format	Color
R_{YB}	165, 142, 105
Decimal	10846313
CIE _{Lab}	56.54, 11.00, 17.96
CIE _{LCh}	57, 21.060, 58.524
Yxy	24.4576, 0.3850, 0.3652
Android (android.graphics.Color)	4289036393 (0xFFA58069)
YUV	136.4410, -15.5004, 25.0462
Hunter-Lab	49.4546, 6.5256, 14.5655

Details

The XYZ color **25.7860, 24.4576, 16.7263** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.2898, 25.0649, 39.2605**, and the grayscale version is **23.6164, 24.8463, 27.0576**.

A 20% lighter version of the original color is **52.3434, 50.8202, 38.5030**, and **10.2418, 9.3422, 5.2664** is the 20% darker color. If you saturate the color by 10%, you get **23.7578, 21.6292, 12.2644**, and if you desaturate by 10%, it is **28.1131, 27.6203, 22.1002**.

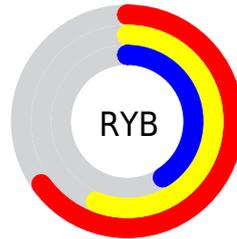
Distribution



Red (65%)

Green (50%)

Blue (41%)



Red (65%)

Yellow (56%)

Blue (41%)

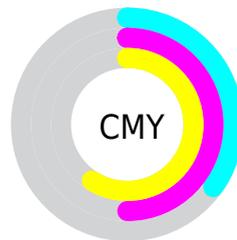


Cyan (0%)

Magenta (22%)

Yellow (36%)

Black (35%)



Cyan (35%)

Magenta (50%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7860, 24.4576, 16.7263 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 25.7860, 24.4576, 16.7263 by changing the saturation by 10% instead.

■ 25.7860, 24.4576,
16.7263

■ 25.7860, 24.4576,
16.7263

274.0060,
275.1259, 245.5805

■ 16.7955, 15.6734,
9.8797

■ 52.3633, 50.7759,
38.6388

■ 10.1832, 9.2934,
5.2147

■ 70.6807, 69.0788,
54.5417

■ 5.5838, 4.9330,
2.3128

■ 92.8378, 91.3235,
74.3004

■ 2.6319, 2.2080,
0.7384

■ 119.2000,
117.8942, 98.3335

■ 0.9622, 0.7244,
0.0000

150.1325,
149.1754, 127.0595

■ 0.0000, 0.0000,
0.0000

186.0008,

185.5515, 160.8970

227.1702,
227.4068, 200.2645

■ 25.7860, 24.4576,
16.7263

■ 25.7860, 24.4576,
16.7263

■ 23.7578, 21.6292,
12.2644

■ 28.1131, 27.6203,
22.1002

■ 22.0132, 19.1200,
8.6614

■ 30.7498, 31.1248,
28.4322

■ 20.5381, 16.9188,
5.8609

■ 33.7084, 34.9828,
35.7668

■ 19.3165, 15.0123,
3.7991

■ 37.0001, 39.2041,
44.1456

■ 18.3300, 13.3858,
2.4023

■ 40.6353, 43.7984,
53.6076

■ 17.5547, 12.0221,
1.5676

■ 44.6242, 48.7749,
64.1899

■ 17.3090, 11.5832,
1.3235

■ 48.9763, 54.1423,
75.9277

■ 53.7010, 59.9093,
88.8548

■ 58.8071, 66.0841,
103.0035

Harmonies

Analogous

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



27.6221, 24.4576, 20.7093



25.7860, 24.4576, 16.7263



23.3674, 24.4576, 15.3193

Triad

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



25.7860, 24.4576, 16.7263



18.8598, 24.4576, 26.2851



25.5620, 24.4576, 40.2840

Complementary

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



25.7860, 24.4576, 16.7263



22.2898, 25.0649, 39.2605

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.



23.1254, 24.4576, 42.4681



25.7860, 24.4576, 16.7263



19.3587, 24.4576, 33.5840

Square

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



25.7860, 24.4576, 16.7263



19.4660, 24.4576, 20.2057



20.8789, 24.4576, 39.8290



27.4866, 24.4576, 34.2896

Rectangle

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



25.7860, 24.4576, 16.7263



21.7857, 24.4576, 15.8032



20.8789, 24.4576, 39.8290



24.7706, 24.4576, 41.5299

Sweetspot

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



25.7866, 24.4588, 16.7268



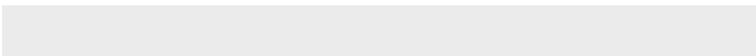
57.7324, 59.2285, 57.4710



25.4512, 20.0557, 28.1210



12.4751, 12.7575, 12.2020



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.



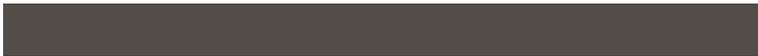
25.7866, 24.4588, 16.7268



43.0802, 39.4871, 23.1052



30.2937, 33.4730, 18.2292



7.2860, 7.5104, 7.4457



13.1398, 8.8535, 1.0164



0.3209, 0.2757, 0.0363

Inverse Universe

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



22.2898, 25.0649, 39.2605



35.8357, 40.7218, 69.7237



18.4116, 17.3085, 37.9677



7.0469, 7.5529, 8.9895



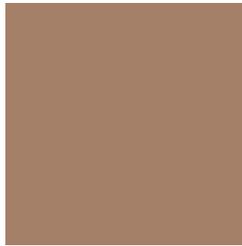
8.7623, 9.3041, 28.2638



0.2277, 0.2827, 0.6084

Previews

White Background



This preview shows how the XYZ color 25.7860, 24.4576, 16.7263 looks on a white background.

Color Contrast Check

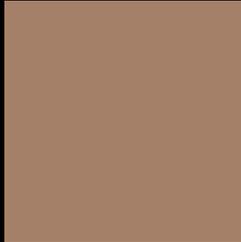
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7860, 24.4576, 16.7263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

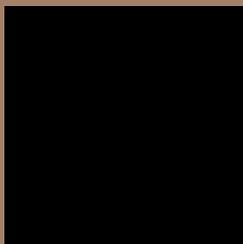
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

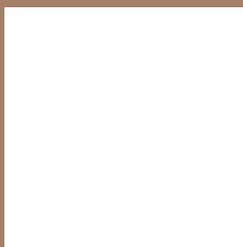
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7860, 24.4576, 16.7263

Background



This preview shows how black text looks on a background with the XYZ color 25.7860, 24.4576, 16.7263.



This preview shows how white text looks on a background with the XYZ color 25.7860, 24.4576,

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

25.7860, 24.4576, 16.7263

Protanopia

23.0661, 24.6417, 18.0086

Deuteranopia

24.8305, 24.3561, 16.7571



Tritanopia

27.6592, 24.4614, 25.8180

Trichromacy



Original Color

25.7860, 24.4576, 16.7263

Protanomaly

24.0432, 24.5332, 17.6555

Deuteranomaly

25.0980, 24.2975, 16.7317

Tritanomaly

26.8451, 24.3128, 22.0168

Monochromacy



Original Color

25.7860, 24.4576, 16.7263

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.1218, 24.4588, 22.8517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7860, 24.4576, 16.7263 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, 128, 105)` looks like.

```
.text, #text, p{  
    color:rgb(165, 128, 105)  
}
```

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, 128, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 128, 105) }
```

Border

The CSS property to change the border of an element to XYZ 25.7860, 24.4576, 16.7263 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, 128, 105) }
```

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

```
.border{ border-color:rgb(165, 128, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 128, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 128, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 128, 105);  
box-shadow:4px 4px 4px 4px rgb(165, 128,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7860, 24.4576, 16.7263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 128, 105) }
```

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

```
.background{ background-color: rgb(165,  
128, 105) }
```

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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