

Converting Colors

XYZ(26.8022, 23.4364, 16.2117)

Have a look what the booklet for
XYZ(26.8022, 23.4364, 16.2117)
contains.

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Color

**XYZ(26.8944, 23.5464,
16.2241)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7868
RGB	175, 120, 104
RGB Percent	69%, 47%, 41%
CMY	0.3137, 0.5294, 0.5922
CMYK	0.00, 0.31, 0.41, 0.31
HSL	14°, 31%, 55%
HSV	14°, 41%, 69%
XYZ	26.8944, 23.5464, 16.2241
YIQ	134.6210, 37.9160, 6.6840

Conversions

Conversions Part 2

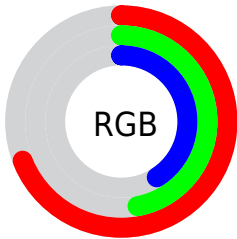
Format	Color
R_{YB}	175, 125, 104
Decimal	11499624
CIE _{Lab}	55.63, 19.50, 17.47
CIE _{LCh}	56, 26.183, 41.856
Yxy	23.5464, 0.4034, 0.3532
Android (android.graphics.Color)	4289689704 (0xFFAF7868)
YUV	134.6210, -15.0962, 35.4124
Hunter-Lab	48.5246, 14.0141, 14.1438

Details

The XYZ color **26.8944, 23.5464, 16.2241** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.8444, 30.8333, 45.1468**, and the grayscale version is **22.9336, 24.1279, 26.2753**.

A 20% lighter version of the original color is **54.1387, 49.4095, 37.6939**, and **10.7375, 8.7950, 5.0026** is the 20% darker color. If you saturate the color by 10%, you get **24.5797, 20.1949, 11.5128**, and if you desaturate by 10%, it is **29.6256, 27.4356, 21.9848**.

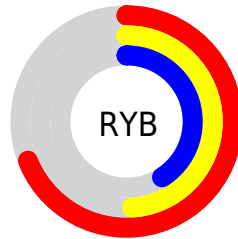
Distribution



Red (69%)

Green (47%)

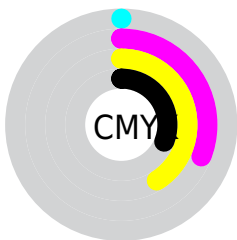
Blue (41%)



Red (69%)

Yellow (49%)

Blue (41%)

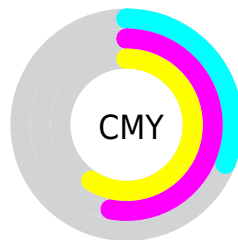


Cyan (0%)

Magenta (31%)

Yellow (41%)

Black (31%)



Cyan (31%)


Magenta (53%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8944, 23.5464, 16.2241 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 26.8944, 23.5464, 16.2241 by changing the saturation by 10% instead.


 26.8944, 23.5464,
16.2241


 26.8944, 23.5464,
16.2241


279.3223,
270.5191, 242.5512


 17.6301, 14.9975,
9.5268


 54.1355, 49.2890,
37.7590


 10.7828, 8.8176,
4.9849


 72.8429, 67.2514,
53.4337

 5.9872, 4.6224,
2.1798


 95.4288, 89.1205,
72.9379

 2.8779, 2.0275,
0.6627

 122.2585,
115.2806, 96.6902

 1.0895, 0.6234,
0.0000

153.6974,
146.1161, 125.1092

 0.0163, 0.0000,
0.0000

190.1107,

 0.0000, 0.0000,

182.0114, 158.6133

0.0000

231.8639,
223.3510, 197.6211

■ 26.8944, 23.5464,
16.2241

■ 26.8944, 23.5464,
16.2241

■ 24.5797, 20.1949,
11.5128

■ 29.6256, 27.4356,
21.9848

■ 22.6585, 17.3538,
7.7857

■ 32.7912, 31.8814,
28.8519

■ 21.1083, 14.9984,
4.9726


■ 36.4099, 36.9061,
36.8800


■ 19.9035, 13.1006,
2.9931


■ 40.4991, 42.5296,
46.1194


■ 19.0147, 11.6293,
1.7526

■ 45.0750, 48.7709,
56.6178

 18.4195, 10.5945,
1.0741

 50.1533, 55.6481,
68.4201

 55.7486, 63.1786,
81.5689

 61.8753, 71.3792,
96.1052

 67.4823, 79.8401,
106.4617

Harmonies

Analogous

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



28.4276, 23.5464, 22.4316



26.8944, 23.5464, 16.2241



24.2004, 23.5464, 13.0547

Triad

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



26.8944, 23.5464, 16.2241



17.3939, 23.5464, 20.8881



23.5704, 23.5464, 45.1364

Complementary

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



26.8944, 23.5464, 16.2241



25.8444, 30.8333, 45.1468

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.



20.6535, 23.5464, 44.4649



26.8944, 23.5464, 16.2241



17.2576, 23.5464, 29.1363

Square

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



26.8944, 23.5464, 16.2241



18.7919, 23.5464, 15.3097



18.4016, 23.5464, 38.1304



26.3984, 23.5464, 39.8020

Rectangle

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



26.8944, 23.5464, 16.2241



22.1962, 23.5464, 12.5498



18.4016, 23.5464, 38.1304



22.5651, 23.5464, 45.6330

Sweetspot

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



26.8950, 23.5475, 16.2246



64.0913, 64.5523, 63.5516



28.9413, 21.5395, 35.7145



14.0560, 14.0858, 13.7036



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.8950, 23.5475, 16.2246



44.2974, 36.5719, 21.1695



31.8800, 33.5175, 17.8862



8.1463, 8.2973, 8.3856



13.2302, 7.6659, 0.7824



0.4084, 0.2939, 0.0352

Inverse Universe

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



25.8444, 30.8333, 45.1468



42.1200, 51.4252, 80.3430



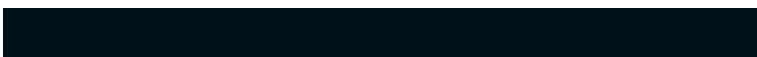
20.6693, 20.4830, 43.4217



8.0809, 8.7612, 10.2179



11.8489, 14.8316, 31.2828



0.3669, 0.4871, 0.8827

Previews

White Background



This preview shows how the XYZ color 26.8944, 23.5464, 16.2241 looks on a white background.

Color Contrast Check

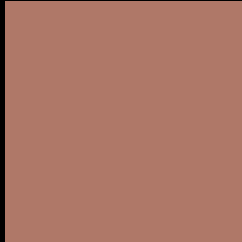
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8944, 23.5464, 16.2241 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 26.8944, 23.5464, 16.2241

Background



This preview shows how black text looks on a background with the XYZ color 26.8944, 23.5464, 16.2241.



This preview shows how white text looks on a background with the XYZ color 26.8944, 23.5464,

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

26.8944, 23.5464, 16.2241

Protanopia

22.1865, 23.5636, 18.1307

Deuteranopia

24.0221, 23.5658, 15.8529



Tritanopia

28.2586, 23.5760, 22.7999

Trichromacy



Original Color

26.8944, 23.5464, 16.2241

Protanomaly

23.5628, 23.2934, 17.4415

Deuteranomaly

25.0916, 23.5390, 16.0530

Tritanomaly

27.6529, 23.4950, 20.2171

Monochromacy



Original Color

26.8944, 23.5464, 16.2241

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.1984, 23.9045, 22.4074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8944, 23.5464, 16.2241 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(175, 120, 104)` looks like.

```
.text, #text, p{  
    color:rgb(175, 120, 104)  
}
```

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(175, 120, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 120, 104) }
```

Border

The CSS property to change the border of an element to XYZ 26.8944, 23.5464, 16.2241 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(175, 120, 104) }
```


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

```
.border{ border-color:rgb(175, 120, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 120, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 120, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 120, 104);  
box-shadow:4px 4px 4px 4px rgb(175, 120,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8944, 23.5464, 16.2241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 120, 104) }
```

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

```
.background{ background-color: rgb(175,  
120, 104) }
```

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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