

Converting Colors

XYZ(27.0190, 22.9016, 7.4380)

Have a look what the booklet for
XYZ(27.0190, 22.9016, 7.4380)
contains.

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Color

**XYZ(26.9806, 22.9127,
7.4154)**

Conversions

Conversions Part 1

Format	Color
Hex	B9733D
RGB	185, 115, 61
RGB Percent	73%, 45%, 24%
CMY	0.2745, 0.5490, 0.7608
CMYK	0.00, 0.38, 0.67, 0.27
HSL	26°, 50%, 48%
HSV	26°, 67%, 73%
XYZ	26.9806, 22.9127, 7.4154
YIQ	129.7740, 59.0540, -1.9540

Conversions

Conversions Part 2

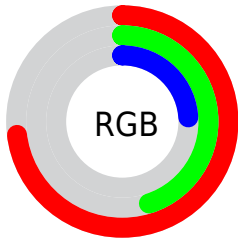
Format	Color
RYB	185, 157, 61
Decimal	12153661
CIELab	54.98, 22.65, 40.71
CIELCh	55, 46.584, 60.912
Yxy	22.9127, 0.4708, 0.3998
Android (android.graphics.Color)	4290343741 (0xFFB9733D)
YUV	129.7740, -33.9056, 48.4332
Hunter-Lab	47.8672, 16.8448, 24.3221

Details

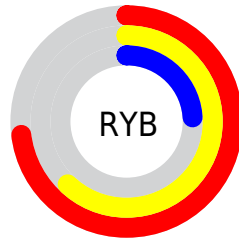
The XYZ color **26.9806, 22.9127, 7.4154** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **18.7971, 20.7262, 48.9084**, and the grayscale version is **21.2402, 22.3463, 24.3351**.

A 20% lighter version of the original color is **54.2894, 48.1757, 21.1893**, and **10.7670, 8.4350, 1.4085** is the 20% darker color. If you saturate the color by 10%, you get **25.4415, 20.4993, 4.8537**, and if you desaturate by 10%, it is **28.8275, 25.6670, 10.9280**.

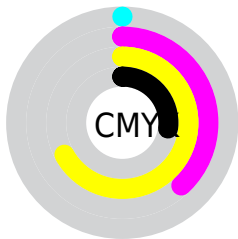
Distribution



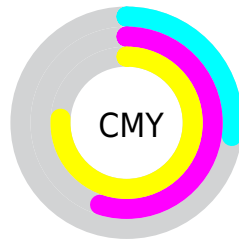
- Red (73%)
- Green (45%)
- Blue (24%)



- Red (73%)
- Yellow (62%)
- Blue (24%)



- Cyan (0%)
- Magenta (38%)
- Yellow (67%)
- Black (27%)





- Cyan (27%)
- Magenta (55%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9806, 22.9127, 7.4154 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 26.9806, 22.9127, 7.4154 by changing the saturation by 10% instead.

 26.9806, 22.9127,
7.4154


 26.9806, 22.9127,
7.4154


279.7324,
267.2763, 180.8319


 17.6952, 14.5291,
3.6409


 54.2728, 48.2499,
21.3311

 10.8297, 8.4895,
1.4305


 73.0104, 65.9723,
32.3093

 6.0189, 4.4098,
0.1653


 95.6293, 87.5764,
46.5258

 2.8973, 1.9053,
0.0000

 122.4950,
113.4466, 64.3992

 1.0997, 0.5516,
0.0000

 153.9728,
143.9673, 86.3479

 0.0249, 0.0000,
0.0000

 190.4280,

 0.0000, 0.0000,

179.5229, 112.7906

0.0000

232.2262,
220.4977, 144.1457

■ 26.9806, 22.9127,
7.4154

■ 26.9806, 22.9127,
7.4154

■ 25.4415, 20.4993,
4.8537

■ 28.8275, 25.6670,
10.9280

■ 24.1857, 18.4069,
3.1424

■ 31.0009, 28.7737,
15.4755

■ 23.1829, 16.6169,
2.1435

■ 33.5195, 32.2477,
21.1340

■ 22.9181, 16.1356,
1.9066

■ 36.3999, 36.1019,
27.9719

■ 39.6576, 40.3486,
36.0523

■ 43.3071, 44.9993,
45.4334

■ 47.3622, 50.0651,
56.1700

■ 51.8356, 55.5566,
68.3136

■ 56.7399, 61.4841,
81.9130

Harmonies

Analogous

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



31.4757, 22.9127, 12.9881



26.9806, 22.9127, 7.4154



21.6199, 22.9127, 5.9288

Triad

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



26.9806, 22.9127, 7.4154



13.2690, 22.9127, 25.4042



27.2981, 22.9127, 58.2411

Complementary

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



26.9806, 22.9127, 7.4154



18.7971, 20.7262, 48.9084

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.



21.9365, 22.9127, 65.6496



26.9806, 22.9127, 7.4154



14.3097, 22.9127, 42.6315

Square

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



26.9806, 22.9127, 7.4154



14.1904, 22.9127, 13.5030



17.2910, 22.9127, 59.0427



31.6785, 22.9127, 41.5189

Rectangle

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



26.9806, 22.9127, 7.4154



18.4167, 22.9127, 6.6768



17.2910, 22.9127, 59.0427



25.5248, 22.9127, 62.1441

Sweetspot

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



26.9811, 22.9139, 7.4158



69.0248, 69.6751, 59.5405



25.7911, 15.2978, 23.1611



14.5285, 14.5622, 11.9620



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.9811, 22.9139, 7.4158



44.5434, 35.0411, 7.2057



36.5192, 41.9900, 10.5952



9.3177, 9.6384, 9.4762



15.6752, 11.1267, 1.3215



0.6144, 0.5158, 0.0672

Inverse Universe

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



18.7971, 20.7262, 48.9084



28.8191, 30.7390, 86.6189



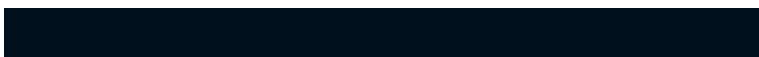
12.8261, 8.7842, 46.9181



8.9304, 9.5379, 11.4498



9.4364, 9.3324, 32.5571



0.3930, 0.4497, 1.1678

Previews

White Background



This preview shows how the XYZ color 26.9806, 22.9127, 7.4154 looks on a white background.

Color Contrast Check

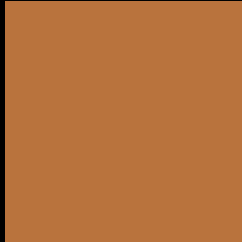
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9806, 22.9127, 7.4154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

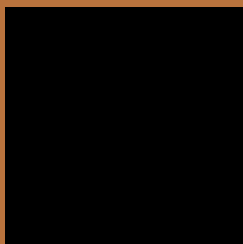
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.9806, 22.9127, 7.4154

Background



This preview shows how black text looks on a background with the XYZ color 26.9806, 22.9127, 7.4154.



This preview shows how white text looks on a background with the XYZ color 26.9806, 22.9127,

7.4154.

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

26.9806, 22.9127, 7.4154

Protanopia

21.0887, 23.0069, 8.4835

Deuteranopia

23.5344, 23.1197, 7.2251



Tritanopia

29.6658, 23.0404, 19.7133

Trichromacy



Original Color

26.9806, 22.9127, 7.4154

Protanomaly

22.8835, 22.7655, 8.0386

Deuteranomaly

24.7622, 23.0055, 7.2731

Tritanomaly

28.5811, 22.9233, 14.2275

Monochromacy



Original Color

26.9806, 22.9127, 7.4154

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.4611, 22.1712, 16.4602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9806, 22.9127, 7.4154 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(185, 115, 61)` looks like.

```
.text, #text, p{  
    color:rgb(185, 115, 61)  
}
```

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(185, 115, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 115, 61) }
```

Border

The CSS property to change the border of an element to XYZ 26.9806, 22.9127, 7.4154 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(185, 115, 61) }
```


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

```
.border{ border-color:rgb(185, 115, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 115, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 115, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 115, 61);  
box-shadow:4px 4px 4px 4px rgb(185, 115,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9806, 22.9127, 7.4154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 115, 61) }
```

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

```
.background{ background-color: rgb(185,  
115, 61) }
```

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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