

Converting Colors

XYZ(26.2319, 21.9463, 7.6327)

Have a look what the booklet for
XYZ(26.2319, 21.9463, 7.6327)
contains.

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Color

**XYZ(26.2480, 22.0258,
7.7185)**

Conversions

Conversions Part 1

Format	Color
Hex	B77040
RGB	183, 112, 64
RGB Percent	72%, 44%, 25%
CMY	0.2824, 0.5608, 0.7490
CMYK	0.00, 0.39, 0.65, 0.28
HSL	24°, 48%, 48%
HSV	24°, 65%, 72%
XYZ	26.2480, 22.0258, 7.7185
YIQ	127.7570, 57.7240, 0.1240

Conversions

Conversions Part 2

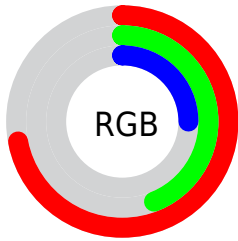
Format	Color
RYB	183, 144, 64
Decimal	12021824
CIELab	54.05, 23.65, 38.01
CIELCh	54, 44.765, 58.116
Yxy	22.0258, 0.4688, 0.3934
Android (android.graphics.Color)	4290211904 (0xFFB77040)
YUV	127.7570, -31.4322, 48.4481
Hunter-Lab	46.9317, 17.7013, 23.1012

Details

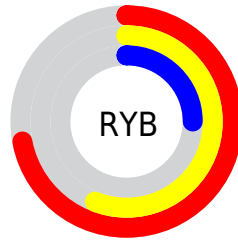
The XYZ color **26.2480, 22.0258, 7.7185** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **19.3250, 21.8356, 47.9955**, and the grayscale version is **20.5256, 21.5945, 23.5164**.

A 20% lighter version of the original color is **53.2182, 46.7979, 21.8508**, and **10.4829, 8.0311, 1.5280** is the 20% darker color. If you saturate the color by 10%, you get **24.6778, 19.5865, 5.0340**, and if you desaturate by 10%, it is **28.1362, 24.8279, 11.3523**.

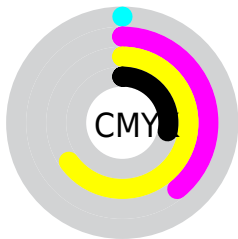
Distribution



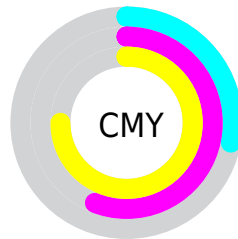
- Red (72%)
- Green (44%)
- Blue (25%)



- Red (72%)
- Yellow (56%)
- Blue (25%)



- Cyan (0%)
- Magenta (39%)
- Yellow (65%)
- Black (28%)





- Cyan (28%)
- Magenta (56%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2480, 22.0258, 7.7185 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 26.2480, 22.0258, 7.7185 by changing the saturation by 10% instead.


 26.2480, 22.0258,
7.7185


 26.2480, 22.0258,
7.7185


276.2318,
262.6810, 183.3585


 17.1429, 13.8759,
3.8302


 53.1032, 46.7886,
21.9417

 10.4324, 8.0344,
1.5326


 71.5841, 64.1703,
33.1137


 5.7510, 4.1170,
0.2421

 93.9209, 85.3980,
47.5506

 2.7335, 1.7392,
0.0000

 120.4790,
110.8562, 65.6710

 1.0144, 0.4488,
0.0000

 151.6238,
140.9292, 87.8935

 0.0000, 0.0000,
0.0000

 187.7206,

176.0014, 114.6365

229.1348,
216.4572, 146.3186

■ 26.2480, 22.0258,
7.7185

■ 26.2480, 22.0258,
7.7185

■ 24.6778, 19.5865,
5.0340

■ 28.1362, 24.8279,
11.3523

■ 23.4013, 17.4893,
3.2038

■ 30.3609, 28.0052,
16.0152

■ 22.3924, 15.7156,
2.1146

■ 32.9407, 31.5738,
21.7799

■ 21.9652, 14.9410,
1.7262

■ 35.8923, 35.5476,
28.7124

■ 39.2313, 39.9396,
36.8729

■ 42.9723, 44.7623,
46.3180

■ 47.1290, 50.0277,
57.1003

■ 51.7146, 55.7472,
69.2697

■ 56.7415, 61.9318,
82.8735

Harmonies

Analogous

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



30.2674, 22.0258, 13.4833



26.2480, 22.0258, 7.7185



21.2425, 22.0258, 5.9847

Triad

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



26.2480, 22.0258, 7.7185



12.9399, 22.0258, 23.1162



25.6362, 22.0258, 56.0266

Complementary

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



26.2480, 22.0258, 7.7185



19.3250, 21.8356, 47.9955

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.



20.6302, 22.0258, 61.7240



26.2480, 22.0258, 7.7185



13.7498, 22.0258, 38.8708

Square

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



26.2480, 22.0258, 7.7185



13.9824, 22.0258, 12.4750



16.3919, 22.0258, 54.4970



29.8777, 22.0258, 41.0043

Rectangle

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



26.2480, 22.0258, 7.7185



18.1712, 22.0258, 6.5180



16.3919, 22.0258, 54.4970



23.9654, 22.0258, 59.3011

Sweetspot

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



26.2485, 22.0269, 7.7189



67.0033, 67.2648, 58.0068



25.7632, 15.4947, 24.7026



14.4364, 14.3780, 11.9313



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.



26.2485, 22.0269, 7.7189



43.1616, 33.4052, 7.4423



35.0355, 39.6008, 10.6479



9.2940, 9.5910, 9.4683



15.3870, 10.5504, 1.2254



0.6036, 0.4942, 0.0636

Inverse Universe

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



19.3250, 21.8356, 47.9955



29.7470, 32.8857, 85.0154



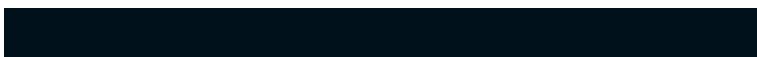
13.2393, 9.6642, 45.9670



8.9545, 9.5863, 11.4578



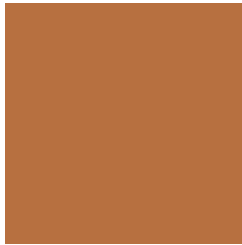
9.8596, 10.1789, 32.6981



0.4066, 0.4768, 1.1724

Previews

White Background



This preview shows how the XYZ color 26.2480, 22.0258, 7.7185 looks on a white background.

Color Contrast Check

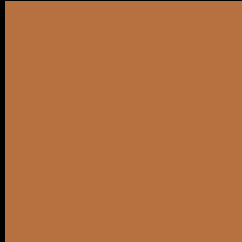
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2480, 22.0258, 7.7185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

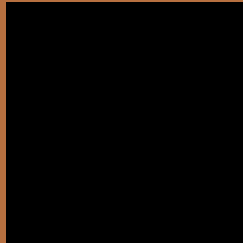
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2480, 22.0258, 7.7185

Background



This preview shows how black text looks on a background with the XYZ color 26.2480, 22.0258, 7.7185.



This preview shows how white text looks on a background with the XYZ color 26.2480, 22.0258,

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

26.2480, 22.0258, 7.7185

Protanopia

20.4158, 22.2471, 9.0124

Deuteranopia

22.4225, 21.9764, 7.4750



Tritanopia

28.4410, 21.9621, 18.6597

Trichromacy



Original Color

26.2480, 22.0258, 7.7185

Protanomaly

22.2269, 21.8524, 8.5153

Deuteranomaly

23.6148, 21.8663, 7.5334

Tritanomaly

27.4815, 21.8839, 13.8419

Monochromacy



Original Color

26.2480, 22.0258, 7.7185

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.7221, 21.2349, 16.3185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2480, 22.0258, 7.7185 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(183, 112, 64)` looks like.

```
.text, #text, p{  
    color:rgb(183, 112, 64)  
}
```

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(183, 112, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 112, 64) }
```

Border

The CSS property to change the border of an element to XYZ 26.2480, 22.0258, 7.7185 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(183, 112, 64) }
```


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

```
.border{ border-color:rgb(183, 112, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 112, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 112, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 112, 64);  
box-shadow:4px 4px 4px 4px rgb(183, 112,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2480, 22.0258, 7.7185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 112, 64) }
```

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

```
.background{ background-color: rgb(183,  
112, 64) }
```

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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