

# Converting Colors

XYZ(26.1716, 21.9815, 13.2125)

Have a look what the booklet for  
XYZ(26.1716, 21.9815, 13.2125)  
contains.

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# Color

**XYZ(26.2410, 22.0655,  
13.2319)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B2715D
RGB	178, 113, 93
RGB Percent	70%, 44%, 36%
CMY	0.3020, 0.5568, 0.6353
CMYK	0.00, 0.37, 0.48, 0.30
HSL	14°, 36%, 53%
HSV	14°, 48%, 70%
XYZ	26.2410, 22.0655, 13.2319
YIQ	130.1550, 45.1600, 7.5600

# Conversions

## Conversions Part 2

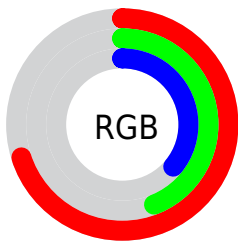
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 119, 93
Decimal	11694429
CIE <sub>Lab</sub>	54.10, 23.43, 21.79
CIE <sub>LCh</sub>	54, 32.001, 42.919
Yxy	22.0655, 0.4264, 0.3586
Android (android.graphics.Color)	4289884509 (0xFFB2715D)
YUV	130.1550, -18.3174, 41.9601
Hunter-Lab	46.9739, 17.5109, 16.1806

# Details

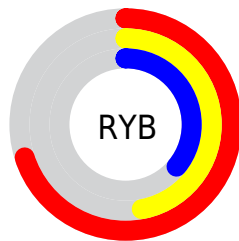
The XYZ color **26.2410, 22.0655, 13.2319** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.7764, 29.9939, 46.6030**, and the grayscale version is **21.3250, 22.4356, 24.4324**.

A 20% lighter version of the original color is **53.0051, 46.7263, 32.2120**, and **10.3725, 8.0096, 3.6886** is the 20% darker color. If you saturate the color by 10%, you get **24.1362, 18.9742, 9.0830**, and if you desaturate by 10%, it is **28.7582, 25.6879, 18.4240**.

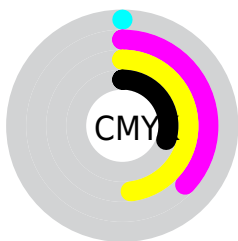
# Distribution



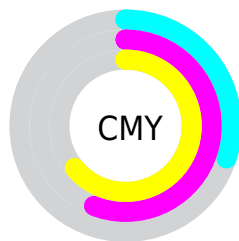
- Red (70%)
- Green (44%)
- Blue (36%)



- Red (70%)
- Yellow (47%)
- Blue (36%)



- Cyan (0%)
- Magenta (37%)
- Yellow (48%)
- Black (30%)



- Cyan (30%)
- Magenta (56%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2410, 22.0655, 13.2319 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 26.2410, 22.0655, 13.2319 by changing the saturation by 10% instead.



■ 26.2410, 22.0655,  
13.2319

■ 26.2410, 22.0655,  
13.2319

276.1982,  
262.8881, 223.6584

■ 17.1376, 13.9050,  
7.4558

■ 53.0920, 46.8542,  
32.4171

■ 10.4286, 8.0546,  
3.6660

■ 71.5704, 64.2513,  
46.6632

■ 5.7485, 4.1299,  
1.4440

■ 93.9045, 85.4960,  
64.5698

■ 2.7319, 1.7465,  
0.1757

■ 120.4597,  
110.9728, 86.5554

■ 1.0136, 0.4535,  
0.0000

151.6013,  
141.0659, 113.0385

■ 0.0000, 0.0000,  
0.0000

187.6946,

176.1600, 144.4377

229.1052,  
216.6392, 181.1714

■ 26.2410, 22.0655,  
13.2319

■ 26.2410, 22.0655,  
13.2319

■ 24.1362, 18.9742,  
9.0830

■ 28.7582, 25.6879,  
18.4240

■ 22.4191, 16.3853,  
5.9046

■ 31.7073, 29.8618,  
24.7228

■ 21.0648, 14.2725,  
3.6167


■ 35.1084, 34.6104,  
32.1879


■ 20.0445, 12.6051,  
2.1256


■ 38.9801, 39.9546,  
40.8746

■ 19.3185, 11.3467,  
1.2868


■ 43.3396, 45.9142,  
50.8345

 19.1842, 11.1132,  
1.1339

 48.2034, 52.5083,  
62.1161

 53.5872, 59.7550,  
74.7656

 59.5060, 67.6715,  
88.8268

 65.9742, 76.2746,  
104.3416

# Harmonies

## Analogous

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



28.1614, 22.0655, 20.0063



26.2410, 22.0655, 13.2319



22.9915, 22.0655, 10.0103

# Triad

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



26.2410, 22.0655, 13.2319



15.2258, 22.0655, 18.8446



22.4980, 22.0655, 47.8413

# Complementary

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



26.2410, 22.0655, 13.2319



24.7764, 29.9939, 46.6030

# 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.



19.0755, 22.0655, 47.2758



26.2410, 22.0655, 13.2319



15.1248, 22.0655, 28.5501

# Square

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



26.2410, 22.0655, 13.2319



16.7541, 22.0655, 12.5843



16.4612, 22.0655, 39.5059



25.8456, 22.0655, 40.8871



# Rectangle

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



26.2410, 22.0655, 13.2319



20.6351, 22.0655, 9.5614



16.4612, 22.0655, 39.5059



21.3138, 22.0655, 48.5704

# Sweetspot

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



26.2416, 22.0666, 13.2323



66.0326, 66.0407, 63.6430



28.4604, 19.7682, 34.7387



14.3074, 14.1855, 13.3812



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787



# Same Dimension

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



26.2416, 22.0666, 13.2323



43.6888, 34.2884, 16.3169



32.1128, 33.8091, 15.1894



8.6533, 8.8192, 8.8987



13.7680, 8.0345, 0.8252



0.4785, 0.3434, 0.0411



# Inverse Universe

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



24.7764, 29.9939, 46.6030



40.6724, 50.2627, 83.9392



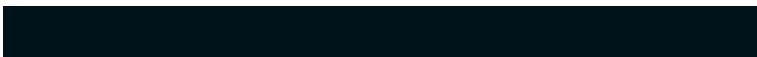
18.7573, 17.9558, 44.5966



8.5698, 9.2858, 10.8470



12.1102, 15.0208, 32.3980



0.4223, 0.5552, 1.0331



# Previews

## White Background



This preview shows how the XYZ color 26.2410, 22.0655, 13.2319 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

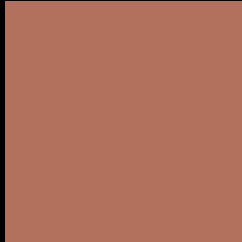
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 26.2410, 22.0655, 13.2319 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 26.2410, 22.0655, 13.2319**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.2410, 22.0655, 13.2319.



This preview shows how white text looks on a background with the XYZ color 26.2410, 22.0655,



# 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

26.2410, 22.0655, 13.2319

### Protanopia

20.7641, 22.2886, 15.2643

### Deuteranopia

22.6135, 22.1392, 12.9790



## Tritanopia

27.6683, 22.1632, 19.9592

# Trichromacy



## Original Color

26.2410, 22.0655, 13.2319

## Protanomaly

22.5022, 22.0507, 14.3795

## Deuteranomaly

23.7525, 21.9922, 13.1182

## Tritanomaly

27.0352, 22.0567, 17.3005

# Monochromacy



## Original Color

26.2410, 22.0655, 13.2319

## Achromatopsia

21.2178, 22.3228, 24.3095

## Achromatomaly

22.4512, 21.9027, 19.8740

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.2410, 22.0655, 13.2319 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(178, 113, 93)` looks like.

```
.text, #text, p{  
    color:rgb(178, 113, 93)  
}
```

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(178, 113, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 113, 93) }
```

## Border

The CSS property to change the border of an element to XYZ 26.2410, 22.0655, 13.2319 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(178, 113, 93) }
```



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

```
.border{ border-color:rgb(178, 113, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 113, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 113, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 113, 93);  
box-shadow:4px 4px 4px 4px rgb(178, 113,  
93) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.2410, 22.0655, 13.2319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 113, 93) }
```

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

```
.background{ background-color: rgb(178,  
113, 93) }
```

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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