

Converting Colors

XYZ(26.5913, 24.7401, 8.4870)

Have a look what the booklet for
XYZ(26.5913, 24.7401, 8.4870)
contains.

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Color

**XYZ(26.5757, 24.6622,
8.5138)**

Conversions

Conversions Part 1

Format	Color
Hex	B17E42
RGB	177, 126, 66
RGB Percent	69%, 49%, 26%
CMY	0.3059, 0.5059, 0.7412
CMYK	0.00, 0.29, 0.63, 0.31
HSL	32°, 46%, 48%
HSV	32°, 63%, 69%
XYZ	26.5757, 24.6622, 8.5138
YIQ	134.4090, 49.6560, -7.8480

Conversions

Conversions Part 2

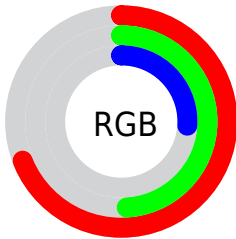
Format	Color
R_{YB}	160, 177, 66
Decimal	11632194
CIE Lab	56.74, 13.40, 39.90
CIE LCh	57, 42.088, 71.438
Yxy	24.6622, 0.4448, 0.4127
Android (android.graphics.Color)	4289822274 (0xFFB17E42)
YUV	134.4090, -33.7256, 37.3523
Hunter-Lab	49.6611, 8.6160, 24.5982

Details

The XYZ color **26.5757, 24.6622, 8.5138** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **16.5435, 17.0543, 44.0146**, and the grayscale version is **22.9188, 24.1124, 26.2584**.

A 20% lighter version of the original color is **53.8646, 51.3340, 23.5925**, and **10.6482, 9.4164, 1.8286** is the 20% darker color. If you saturate the color by 10%, you get **25.1346, 22.4900, 5.8453**, and if you desaturate by 10%, it is **28.2639, 27.0705, 12.0618**.

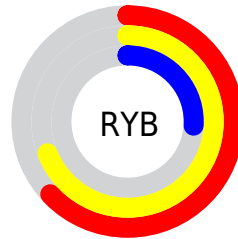
Distribution



Red (69%)

Green (49%)

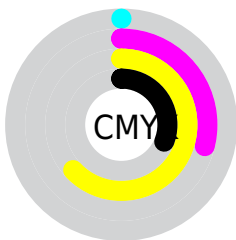
Blue (26%)



Red (63%)

Yellow (69%)

Blue (26%)

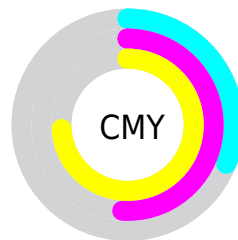


Cyan (0%)

Magenta (29%)

Yellow (63%)

Black (31%)



Cyan (31%)

Magenta (51%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5757, 24.6622, 8.5138 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 26.5757, 24.6622, 8.5138 by changing the saturation by 10% instead.

■ 26.5757, 24.6622,
8.5138

■ 26.5757, 24.6622,
8.5138

277.8020,
276.1515, 189.7908

■ 17.3898, 15.8256,
4.3330

■ 53.6270, 51.1087,
23.5223

■ 10.6098, 9.4008,
1.8097

■ 72.2230, 69.4873,
35.1870

■ 5.8704, 5.0035,
0.4344

■ 94.6864, 91.8154,
50.1835

■ 2.8064, 2.2493,
0.0000

■ 121.3826,
118.4773, 68.9303

■ 1.0522, 0.7467,
0.0000

■ 152.6769,
149.8575, 91.8459

■ 0.0000, 0.0000,
0.0000

188.9346,

186.3403, 119.3488

230.5212,
228.3102, 151.8576

■ 26.5757, 24.6622,
8.5138

■ 26.5757, 24.6622,
8.5138

■ 25.1346, 22.4900,
5.8453

■ 28.2639, 27.0705,
12.0618

■ 23.9216, 20.5401,
3.9728

■ 30.2130, 29.7205,
16.5595

■ 22.9165, 18.8021,
2.7988

■ 32.4375, 32.6220,
22.0717

■ 22.2854, 17.6550,
2.2332

■ 34.9502, 35.7830,
28.6570

■ 37.7631, 39.2112,
36.3694

■ 40.8872, 42.9136,
45.2593

■ 44.3332, 46.8972,
55.3740

■ 48.1111, 51.1686,
66.7584

■ 52.2303, 55.7342,
79.4546

Harmonies

Analogous

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



31.2530, 24.6622, 12.6412



26.5757, 24.6622, 8.5138



21.6182, 24.6622, 8.1159

Triad

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



26.5757, 24.6622, 8.5138



15.3527, 24.6622, 32.5785



30.2591, 24.6622, 52.6449

Complementary

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



26.5757, 24.6622, 8.5138



16.5435, 17.0543, 44.0146

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.



25.3628, 24.6622, 63.0197



26.5757, 24.6622, 8.5138



17.0525, 24.6622, 49.0113

Square

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



26.5757, 24.6622, 8.5138



15.5828, 24.6622, 19.1340



20.5624, 24.6622, 61.4968



33.5758, 24.6622, 36.4105

Rectangle

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



26.5757, 24.6622, 8.5138



18.8540, 24.6622, 9.7615



20.5624, 24.6622, 61.4968



28.7167, 24.6622, 57.1519

Sweetspot

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



26.5763, 24.6634, 8.5143



64.2399, 66.1116, 55.7709



23.3378, 14.5469, 18.6553



13.6267, 13.9645, 11.2876



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.



26.5763, 24.6634, 8.5143



44.1947, 38.9874, 9.1161



34.0054, 40.7559, 11.2289



8.8642, 9.2408, 8.9690



16.2079, 12.9144, 1.6385



0.5675, 0.5214, 0.0707

Inverse Universe

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



16.5435, 17.0543, 44.0146



24.7896, 24.3021, 77.8795



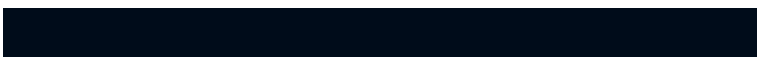
12.3884, 8.3619, 42.5558



8.3529, 8.8520, 10.7747



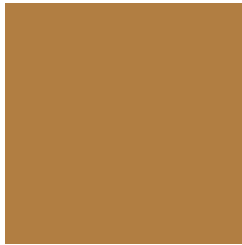
7.9582, 6.7167, 31.0140



0.3090, 0.3285, 0.9954

Previews

White Background



This preview shows how the XYZ color 26.5757, 24.6622, 8.5138 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 26.5757, 24.6622, 8.5138 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 26.5757, 24.6622, 8.5138

Background



This preview shows how black text looks on a background with the XYZ color 26.5757, 24.6622, 8.5138.



This preview shows how white text looks on a background with the XYZ color 26.5757, 24.6622,

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

26.5757, 24.6622, 8.5138

Protanopia

22.7823, 24.9003, 9.2357

Deuteranopia

25.0852, 24.6717, 8.4410



Tritanopia

29.7845, 24.6972, 23.6193

Trichromacy



Original Color

26.5757, 24.6622, 8.5138

Protanomaly

23.9281, 24.6660, 8.9687

Deuteranomaly

25.5990, 24.7401, 8.4271

Tritanomaly

28.3317, 24.6423, 16.6278

Monochromacy



Original Color

26.5757, 24.6622, 8.5138

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.4543, 23.8208, 17.8297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5757, 24.6622, 8.5138 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(177, 126, 66)` looks like.

```
.text, #text, p{  
    color:rgb(177, 126, 66)  
}
```

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(177, 126, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 126, 66) }
```

Border

The CSS property to change the border of an element to XYZ 26.5757, 24.6622, 8.5138 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(177, 126, 66) }
```


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

```
.border{ border-color:rgb(177, 126, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 126, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 126, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 126, 66);  
box-shadow:4px 4px 4px 4px rgb(177, 126,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5757, 24.6622, 8.5138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 126, 66) }
```

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

```
.background{ background-color: rgb(177,  
126, 66) }
```

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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