

Converting Colors

XYZ(25.5116, 22.6103, 10.6157)

Have a look what the booklet for
XYZ(25.5116, 22.6103, 10.6157)
contains.

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Color

**XYZ(25.6056, 22.6500,
10.6117)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7650
RGB	175, 118, 80
RGB Percent	69%, 46%, 31%
CMY	0.3137, 0.5372, 0.6863
CMYK	0.00, 0.33, 0.54, 0.31
HSL	24°, 37%, 50%
HSV	24°, 54%, 69%
XYZ	25.6056, 22.6500, 10.6117
YIQ	130.7110, 46.1700, 0.2660

Conversions

Conversions Part 2

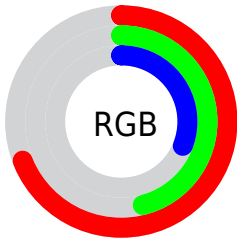
Format	Color
RYB	175, 143, 80
Decimal	11499088
CIELab	54.71, 18.14, 29.87
CIELCh	55, 34.951, 58.732
Yxy	22.6500, 0.4350, 0.3848
Android (android.graphics.Color)	4289689168 (0xFFAF7650)
YUV	130.7110, -25.0005, 38.8415
Hunter-Lab	47.5920, 12.7511, 20.0944

Details

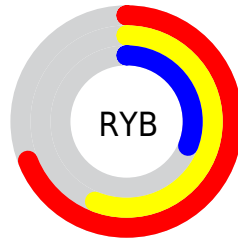
The XYZ color **25.6056, 22.6500, 10.6117** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **19.9913, 22.6909, 43.8835**, and the grayscale version is **21.5456, 22.6676, 24.6850**.

A 20% lighter version of the original color is **52.0083, 47.6848, 27.5820**, and **10.0246, 8.2937, 2.5859** is the 20% darker color. If you saturate the color by 10%, you get **23.8730, 20.0884, 7.2491**, and if you desaturate by 10%, it is **27.6453, 25.5565, 14.9080**.

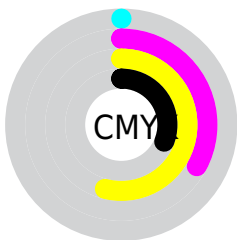
Distribution



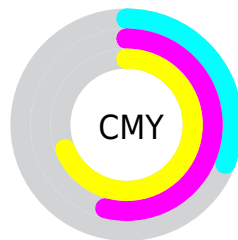
- Red (69%)
- Green (46%)
- Blue (31%)



- Red (69%)
- Yellow (56%)
- Blue (31%)



- Cyan (0%)
- Magenta (33%)
- Yellow (54%)
- Black (31%)





- Cyan (31%)
- Magenta (54%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6056, 22.6500, 10.6117 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 25.6056, 22.6500, 10.6117 by changing the saturation by 10% instead.


 25.6056, 22.6500,
10.6117


 25.6056, 22.6500,
10.6117

273.1329,
265.9222, 205.6247

 16.6599, 14.3353,
5.6955


 52.0738, 47.8180,
27.5655

 10.0861, 8.3542,
2.5951


 70.3271, 65.4400,
40.4401

 5.5188, 4.3224,
0.8899

 92.4137, 86.9333,
56.8046

 2.5926, 1.8555,
0.0000

 118.6989,
112.6823, 77.0776

 0.9422, 0.5214,
0.0000

 149.5481,
143.0712, 101.6776

 0.0000, 0.0000,
0.0000

185.3265,

178.4846, 131.0231

226.3997,
219.3068, 165.5326

■ 25.6056, 22.6500,
10.6117

■ 25.6056, 22.6500,
10.6117

■ 23.8730, 20.0884,
7.2491

■ 27.6453, 25.5565,
14.9080

■ 22.4281, 17.8540,
4.7468

■ 30.0068, 28.8179,
20.2008

■ 21.2513, 15.9323,
3.0227

■ 32.7055, 32.4478,
26.5493

■ 20.3189, 14.3058,
1.9776

■ 35.7553, 36.4581,
34.0072

■ 19.8698, 13.4952,
1.5576

■ 39.1694, 40.8601,
42.6248

■ 42.9601, 45.6645,
52.4493

■ 47.1391, 50.8817,
63.5252

■ 51.7177, 56.5216,
75.8947

■ 56.7066, 62.5939,
89.5980

Harmonies

Analogous

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



28.6974, 22.6500, 15.8061



25.6056, 22.6500, 10.6117



21.6924, 22.6500, 8.9535

Triad

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



25.6056, 22.6500, 10.6117



14.9401, 22.6500, 24.1958



25.2884, 22.6500, 48.3289

Complementary

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



25.6056, 22.6500, 10.6117



19.9913, 22.6909, 43.8835

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.



21.3647, 22.6500, 52.5265



25.6056, 22.6500, 10.6117



15.6649, 22.6500, 36.3284

Square

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



25.6056, 22.6500, 10.6117



15.7979, 22.6500, 15.2097



17.9083, 22.6500, 47.5979



28.4995, 22.6500, 37.3907

Rectangle

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



25.6056, 22.6500, 10.6117



19.2361, 22.6500, 9.5348



17.9083, 22.6500, 47.5979



23.9953, 22.6500, 50.6968

Sweetspot

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



25.6061, 22.6511, 10.6121



62.8976, 63.8098, 58.0831



25.0633, 16.6576, 25.5613



13.7298, 13.8552, 12.2944



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.



25.6061, 22.6511, 10.6121



42.2425, 35.1988, 12.0476



32.6726, 36.7841, 12.9676



8.2584, 8.5215, 8.4229



14.2863, 9.7781, 1.1344



0.4519, 0.3809, 0.0497

Inverse Universe

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



19.9913, 22.6909, 43.8835



31.1097, 35.2060, 77.7926



14.6604, 12.0291, 42.1065



7.9634, 8.5262, 10.1787



9.2198, 9.5734, 30.4064



0.3081, 0.3696, 0.8631

Previews

White Background



This preview shows how the XYZ color 25.6056, 22.6500, 10.6117 looks on a white background.

Color Contrast Check

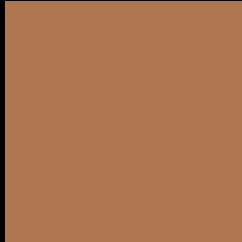
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6056, 22.6500, 10.6117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

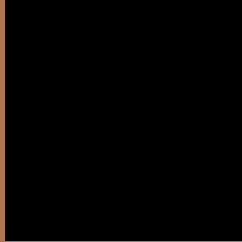
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6056, 22.6500, 10.6117

Background



This preview shows how black text looks on a background with the XYZ color 25.6056, 22.6500, 10.6117.



This preview shows how white text looks on a background with the XYZ color 25.6056, 22.6500,

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

25.6056, 22.6500, 10.6117

Protanopia

21.0837, 22.7281, 11.8701

Deuteranopia

23.0068, 22.5882, 10.3551



Tritanopia

27.7164, 22.6557, 21.0013

Trichromacy



Original Color

25.6056, 22.6500, 10.6117

Protanomaly

22.5398, 22.5148, 11.3414

Deuteranomaly

23.8879, 22.4829, 10.4777

Tritanomaly

26.8637, 22.6492, 16.5915

Monochromacy



Original Color

25.6056, 22.6500, 10.6117

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.4181, 22.2946, 18.4510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6056, 22.6500, 10.6117 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, 118, 80)` looks like.

```
.text, #text, p{  
    color:rgb(175, 118, 80)  
}
```

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, 118, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 118, 80) }
```

Border

The CSS property to change the border of an element to XYZ 25.6056, 22.6500, 10.6117 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, 118, 80) }
```


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

```
.border{ border-color:rgb(175, 118, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 118, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 118, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 118, 80);  
box-shadow:4px 4px 4px 4px rgb(175, 118,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6056, 22.6500, 10.6117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 118, 80) }
```

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

```
.background{ background-color: rgb(175,  
118, 80) }
```

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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