

Converting Colors

XYZ(25.5285, 22.6956, 11.0581)

Have a look what the booklet for
XYZ(25.5285, 22.6956, 11.0581)
contains.

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Color

**XYZ(25.5754, 22.8015,
11.0358)**

Conversions

Conversions Part 1

Format	Color
Hex	AE7752
RGB	174, 119, 82
RGB Percent	68%, 47%, 32%
CMY	0.3176, 0.5333, 0.6784
CMYK	0.00, 0.32, 0.53, 0.32
HSL	24°, 36%, 50%
HSV	24°, 53%, 68%
XYZ	25.5754, 22.8015, 11.0358
YIQ	131.2270, 44.6570, 0.1530

Conversions

Conversions Part 2

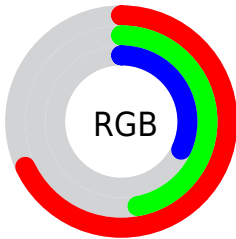
Format	Color
RYB	174, 144, 82
Decimal	11433810
CIELab	54.87, 17.34, 28.94
CIElCh	55, 33.732, 59.074
Yxy	22.8015, 0.4305, 0.3838
Android (android.graphics.Color)	4289623890 (0xFFAE7752)
YUV	131.2270, -24.2689, 37.5119
Hunter-Lab	47.7509, 12.0405, 19.7230

Details

The XYZ color **25.5754, 22.8015, 11.0358** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **20.0649, 22.7402, 43.3761**, and the grayscale version is **21.7280, 22.8595, 24.8940**.

A 20% lighter version of the original color is **52.0065, 47.9476, 28.3436**, and **10.1163, 8.4296, 2.7630** is the 20% darker color. If you saturate the color by 10%, you get **23.8246, 20.2285, 7.5895**, and if you desaturate by 10%, it is **27.6308, 25.7149, 15.4124**.

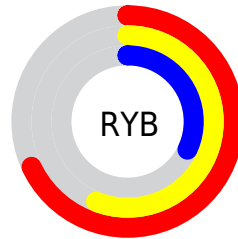
Distribution



Red (68%)

Green (47%)

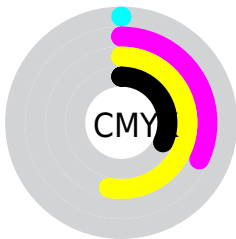
Blue (32%)



Red (68%)

Yellow (56%)

Blue (32%)

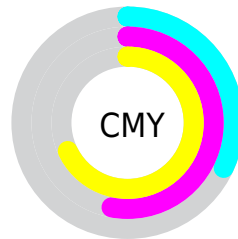


Cyan (0%)

Magenta (32%)

Yellow (53%)

Black (32%)



Cyan (32%)


Magenta (53%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5754, 22.8015, 11.0358 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 25.5754, 22.8015, 11.0358 by changing the saturation by 10% instead.


 25.5754, 22.8015,
11.0358


 25.5754, 22.8015,
11.0358


272.9866,
266.7038, 208.6592


 16.6373, 14.4470,
5.9764


 52.0254, 48.0672,
28.3640

 10.0699, 8.4322,
2.7622


 70.2679, 65.7472,
41.4699


 5.5080, 4.3727,
0.9745

 92.3426, 87.3044,
58.0952

 2.5861, 1.8842,
0.0000

 118.6149,
113.1234, 78.6582

 0.9389, 0.5388,
0.0000

 149.4501,
143.5884, 103.5776

 0.0000, 0.0000,
0.0000

185.2135,

179.0839, 133.2718

226.2706,
219.9942, 168.1596

■ 25.5754, 22.8015,
11.0358

■ 25.5754, 22.8015,
11.0358

■ 23.8246, 20.2285,
7.5895

■ 27.6308, 25.7149,
15.4124

■ 22.3593, 17.9787,
5.0024

■ 30.0047, 28.9783,
20.7804

■ 21.1607, 16.0381,
3.1954

■ 32.7124, 32.6049,
27.1972

■ 20.2063, 14.3899,
2.0734

■ 35.7673, 36.6064,
34.7154

■ 19.6448, 13.3772,
1.5467

■ 39.1822, 40.9935,
43.3841

■ 42.9692, 45.7770,
53.2494

■ 47.1397, 50.9667,
64.3548

■ 51.7048, 56.5724,
76.7417

■ 56.6748, 62.6034,
90.4494

Harmonies

Analogous

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



28.5722, 22.8015, 16.1157



25.5754, 22.8015, 11.0358



21.7884, 22.8015, 9.4206

Triad

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



25.5754, 22.8015, 11.0358



15.2569, 22.8015, 24.4960



25.3515, 22.8015, 47.4829

Complementary

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



25.5754, 22.8015, 11.0358



20.0649, 22.7402, 43.3761

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.



21.5563, 22.8015, 51.5834



25.5754, 22.8015, 11.0358



15.9833, 22.8015, 36.2190

Square

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



25.5754, 22.8015, 11.0358



16.0783, 22.8015, 15.6878



18.1877, 22.8015, 46.9725



28.4329, 22.8015, 36.9648

Rectangle

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



25.5754, 22.8015, 11.0358



19.4096, 22.8015, 10.0233



18.1877, 22.8015, 46.9725



24.1040, 22.8015, 49.7714

Sweetspot

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



25.5760, 22.8026, 11.0362



62.9165, 63.8476, 58.0894



25.0027, 16.8453, 25.6761



13.7344, 13.8645, 12.2960



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.



25.5760, 22.8026, 11.0362



42.8577, 36.1540, 13.1012



32.3977, 36.4461, 13.3101



8.2598, 8.5243, 8.4234



14.3035, 9.8126, 1.1401



0.4524, 0.3820, 0.0499

Inverse Universe

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



20.0649, 22.7402, 43.3761



31.7821, 35.9674, 77.9042



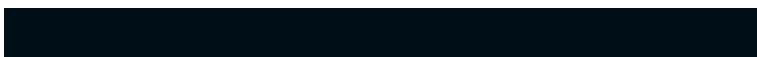
14.8781, 12.3665, 41.6472



7.9620, 8.5233, 10.1782



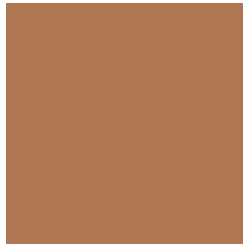
9.1922, 9.5182, 30.3972



0.3074, 0.3682, 0.8629

Previews

White Background



This preview shows how the XYZ color 25.5754, 22.8015, 11.0358 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 25.5754, 22.8015, 11.0358 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 25.5754, 22.8015, 11.0358

Background



This preview shows how black text looks on a background with the XYZ color 25.5754, 22.8015, 11.0358.



This preview shows how white text looks on a background with the XYZ color 25.5754, 22.8015,

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

25.5754, 22.8015, 11.0358

Protanopia

21.2993, 23.0303, 12.3395

Deuteranopia

23.2441, 22.8867, 10.9771



Tritanopia

27.6616, 22.7869, 21.3527

Trichromacy



Original Color

25.5754, 22.8015, 11.0358

Protanomaly

22.5555, 22.7046, 11.7880

Deuteranomaly

23.8780, 22.6525, 10.8984

Tritanomaly

26.8037, 22.7824, 16.8947

Monochromacy



Original Color

25.5754, 22.8015, 11.0358

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.6026, 22.5740, 18.7887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5754, 22.8015, 11.0358 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(174, 119, 82)` looks like.

```
.text, #text, p{  
    color:rgb(174, 119, 82)  
}
```

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(174, 119, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 119, 82) }
```

Border

The CSS property to change the border of an element to XYZ 25.5754, 22.8015, 11.0358 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(174, 119, 82) }
```


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

```
.border{ border-color:rgb(174, 119, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 119, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 119, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 119, 82);  
box-shadow:4px 4px 4px 4px rgb(174, 119,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5754, 22.8015, 11.0358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 119, 82) }
```

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

```
.background{ background-color: rgb(174,  
119, 82) }
```

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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