

Converting Colors

XYZ(25.2296, 22.0119, 11.8717)

Have a look what the booklet for
XYZ(25.2296, 22.0119, 11.8717)
contains.

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Color

**XYZ(25.1993, 22.0631,
11.9473)**

Conversions

Conversions Part 1

Format	Color
Hex	AD7457
RGB	173, 116, 87
RGB Percent	68%, 45%, 34%
CMY	0.3216, 0.5451, 0.6588
CMYK	0.00, 0.33, 0.50, 0.32
HSL	20°, 34%, 51%
HSV	20°, 50%, 68%
XYZ	25.1993, 22.0631, 11.9473
YIQ	129.7370, 43.2810, 3.0650

Conversions

Conversions Part 2

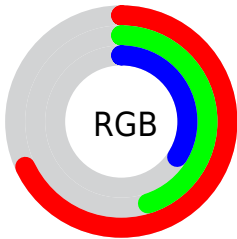
Format	Color
R_{YB}	173, 131, 87
Decimal	11367511
CIE Lab	54.09, 19.08, 25.10
CIE LCh	54, 31.531, 52.763
Yxy	22.0631, 0.4256, 0.3726
Android (android.graphics.Color)	4289557591 (0xFFAD7457)
YUV	129.7370, -21.0693, 37.9417
Hunter-Lab	46.9714, 13.5621, 17.7994

Details

The XYZ color **25.1993, 22.0631, 11.9473** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **21.4462, 24.9890, 43.2282**, and the grayscale version is **21.1870, 22.2904, 24.2742**.

A 20% lighter version of the original color is **51.4730, 46.8003, 29.9874**, and **9.8786, 8.0260, 3.1263** is the 20% darker color. If you saturate the color by 10%, you get **23.3344, 19.3321, 8.2466**, and if you desaturate by 10%, it is **27.3978, 25.1903, 16.5953**.

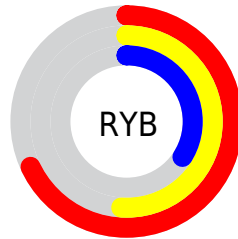
Distribution



Red (68%)

Green (45%)

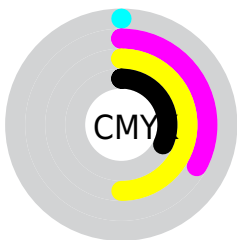
Blue (34%)



Red (68%)

Yellow (51%)

Blue (34%)

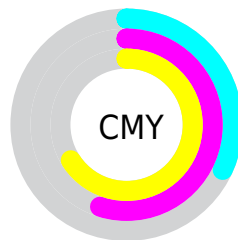


Cyan (0%)

Magenta (33%)

Yellow (50%)

Black (32%)



Cyan (32%)


Magenta (55%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1993, 22.0631, 11.9473 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 25.1993, 22.0631, 11.9473 by changing the saturation by 10% instead.


 25.1993, 22.0631,
11.9473


 25.1993, 22.0631,
11.9473


271.1584,
262.8756, 215.0216


 16.3551, 13.9033,
6.5857


 51.4209, 46.8503,
30.0620


 9.8682, 8.0534,
3.1299


 69.5291, 64.2464,
43.6523


 5.3733, 4.1291,
1.1613

 91.4560, 85.4901,
60.8225

 2.5049, 1.7461,
0.0000

 117.5669,
110.9657, 81.9911

 0.8977, 0.4532,
0.0000

 148.2273,
141.0577, 107.5768

 0.0000, 0.0000,
0.0000

183.8024,

176.1504, 137.9981

224.6576,
216.6282, 173.6735

■ 25.1993, 22.0631,
11.9473

■ 25.1993, 22.0631,
11.9473

■ 23.3344, 19.3321,
8.2466

■ 27.3978, 25.1903,
16.5953

■ 21.7833, 16.9774,
5.4253

■ 29.9451, 28.7261,
22.2495

■ 20.5263, 14.9818,
3.4079

■ 32.8570, 32.6864,
28.9656

■ 19.5402, 13.3254,
2.1060

■ 36.1483, 37.0851,
36.7948

■ 18.7837, 11.9801,
1.3368

■ 39.8324, 41.9355,
45.7849

■ 18.7641, 11.9452,
1.3167

■ 43.9224, 47.2505,
55.9809

■ 48.4306, 53.0421,
67.4254

■ 53.3688, 59.3221,
80.1590

■ 58.7484, 66.1018,
94.2202

Harmonies

Analogous

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



27.6257, 22.0631, 17.4574



25.1993, 22.0631, 11.9473



21.8083, 22.0631, 9.7811

Triad

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



25.1993, 22.0631, 11.9473



15.1082, 22.0631, 21.7314



23.6146, 22.0631, 45.8672

Complementary

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



25.1993, 22.0631, 11.9473



21.4462, 24.9890, 43.2282

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.



20.1541, 22.0631, 47.9206



25.1993, 22.0631, 11.9473



15.4801, 22.0631, 32.0575

Square

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



25.1993, 22.0631, 11.9473



16.1655, 22.0631, 14.3469



17.2431, 22.0631, 42.3176



26.6437, 22.0631, 37.2916

Rectangle

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



25.1993, 22.0631, 11.9473



19.5530, 22.0631, 9.9551



17.2431, 22.0631, 42.3176



22.4545, 22.0631, 47.4234

Sweetspot

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



25.1998, 22.0642, 11.9477



61.3821, 61.9456, 57.8618



25.7015, 17.7247, 28.5861



13.0839, 13.1193, 11.9688



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.1998, 22.0642, 11.9477



41.3872, 34.0201, 14.0046



31.2949, 34.2542, 13.9794



8.2178, 8.4403, 8.4094



13.8331, 8.8718, 0.9833



0.4362, 0.3496, 0.0445

Inverse Universe

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



21.4462, 24.9890, 43.2282



33.8206, 39.8024, 76.7059



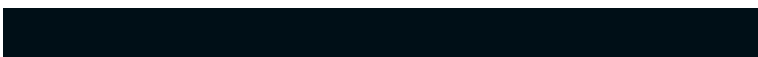
16.1596, 14.4159, 41.4660



8.0054, 8.6101, 10.1927



10.0708, 11.2754, 30.6901



0.3280, 0.4093, 0.8697

Previews

White Background



This preview shows how the XYZ color 25.1993, 22.0631, 11.9473 looks on a white background.

Color Contrast Check

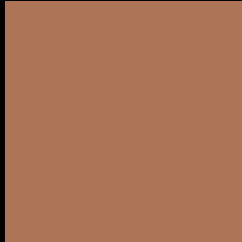
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1993, 22.0631, 11.9473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

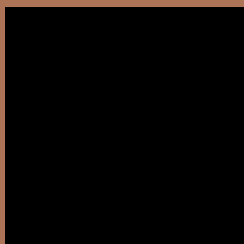
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1993, 22.0631, 11.9473

Background



This preview shows how black text looks on a background with the XYZ color 25.1993, 22.0631, 11.9473.



This preview shows how white text looks on a background with the XYZ color 25.1993, 22.0631,

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

25.1993, 22.0631, 11.9473

Protanopia

20.7736, 22.3310, 13.5714

Deuteranopia

22.5576, 22.1391, 11.6787



Tritanopia

27.0888, 22.1745, 20.6217

Trichromacy



Original Color

25.1993, 22.0631, 11.9473

Protanomaly

22.1708, 22.0980, 12.9943

Deuteranomaly

23.4174, 22.0280, 11.8217

Tritanomaly

26.2911, 22.0069, 17.0494

Monochromacy



Original Color

25.1993, 22.0631, 11.9473

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.2249, 21.9931, 18.9933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1993, 22.0631, 11.9473 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(173, 116, 87)` looks like.

```
.text, #text, p{  
    color:rgb(173, 116, 87)  
}
```

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(173, 116, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 116, 87) }
```

Border

The CSS property to change the border of an element to XYZ 25.1993, 22.0631, 11.9473 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(173, 116, 87) }
```


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

```
.border{ border-color:rgb(173, 116, 87) }
```

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

Here you see how a box with a 4 pixel rgb(173, 116, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 116, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 116, 87);  
box-shadow:4px 4px 4px 4px rgb(173, 116,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1993, 22.0631, 11.9473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 116, 87) }
```

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

```
.background{ background-color: rgb(173,  
116, 87) }
```

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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