

Converting Colors

XYZ(25.3484, 22.9983, 11.3294)

Have a look what the booklet for
XYZ(25.3484, 22.9983, 11.3294)
contains.

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Color

**XYZ(25.4120, 23.0699,
11.2972)**

Conversions

Conversions Part 1

Format	Color
Hex	AC7953
RGB	172, 121, 83
RGB Percent	67%, 47%, 33%
CMY	0.3255, 0.5255, 0.6745
CMYK	0.00, 0.30, 0.52, 0.33
HSL	26°, 35%, 50%
HSV	26°, 52%, 67%
XYZ	25.4120, 23.0699, 11.2972
YIQ	131.9170, 42.5940, -1.0060

Conversions

Conversions Part 2

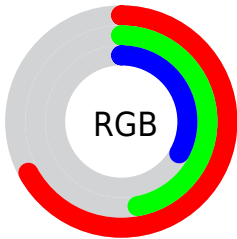
Format	Color
R_{YB}	172, 149, 83
Decimal	11303251
CIE Lab	55.14, 15.45, 28.68
CIE LCh	55, 32.581, 61.686
Yxy	23.0699, 0.4251, 0.3859
Android (android.graphics.Color)	4289493331 (0xFFAC7953)
YUV	131.9170, -24.1161, 35.1528
Hunter-Lab	48.0311, 10.3851, 19.6764

Details

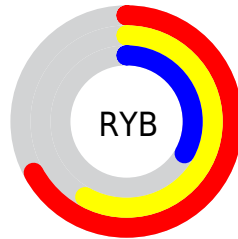
The XYZ color **25.4120, 23.0699, 11.2972** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **19.5385, 21.8670, 42.2207**, and the grayscale version is **21.9761, 23.1206, 25.1783**.

A 20% lighter version of the original color is **51.8103, 48.4036, 28.8024**, and **9.9874, 8.5502, 2.8742** is the 20% darker color. If you saturate the color by 10%, you get **23.6915, 20.5631, 7.8440**, and if you desaturate by 10%, it is **27.4208, 25.8897, 15.6597**.

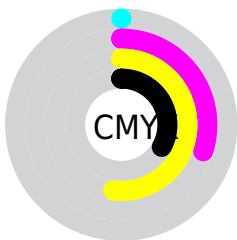
Distribution



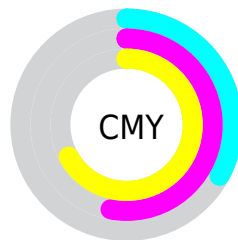
- Red (67%)
- Green (47%)
- Blue (33%)



- Red (67%)
- Yellow (58%)
- Blue (33%)



- Cyan (0%)
- Magenta (30%)
- Yellow (52%)
- Black (33%)





- Cyan (33%)
- Magenta (53%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4120, 23.0699, 11.2972 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 25.4120, 23.0699, 11.2972 by changing the saturation by 10% instead.


 25.4120, 23.0699,
11.2972


 25.4120, 23.0699,
11.2972

272.1935,
268.0838, 210.5054


 16.5146, 14.6451,
6.1504


 51.7629, 48.5081,
28.8534


 9.9822, 8.5707,
2.8665


 69.9472, 66.2903,
42.1000


 5.4493, 4.4623,
1.0269

 91.9578, 87.9604,
58.8836

 2.5507, 1.9354,
0.0000

 118.1601,
113.9029, 79.6227

 0.9209, 0.5695,
0.0000

 148.9195,
144.5020, 104.7359

 0.0000, 0.0000,
0.0000

184.6013,

180.1423, 134.6417

225.5708,
221.2081, 169.7587

■ 25.4120, 23.0699,
11.2972

■ 25.4120, 23.0699,
11.2972

■ 23.6915, 20.5631,
7.8440

■ 27.4208, 25.8897,
15.6597

■ 22.2415, 18.3535,
5.2321

■ 29.7308, 29.0304,
20.9901

■ 21.0446, 16.4290,
3.3862

■ 32.3561, 32.5041,
27.3433

■ 20.0798, 14.7747,
2.2161

■ 35.3094, 36.3208,
34.7702

■ 19.4252, 13.5945,
1.6002

■ 38.6024, 40.4905,
43.3177

■ 42.2466, 45.0224,
53.0302

■ 46.2526, 49.9254,
63.9498

■ 50.6305, 55.2082,
76.1162

■ 55.3902, 60.8791,
89.5675

Harmonies

Analogous

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



28.4283, 23.0699, 16.0041



25.4120, 23.0699, 11.2972



21.7222, 23.0699, 9.9537

Triad

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



25.4120, 23.0699, 11.2972



15.6569, 23.0699, 25.7128



25.8070, 23.0699, 46.2913

Complementary

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



25.4120, 23.0699, 11.2972



19.5385, 21.8670, 42.2207

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.



22.1335, 23.0699, 50.9085



25.4120, 23.0699, 11.2972



16.5015, 23.0699, 37.1680

Square

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



25.4120, 23.0699, 11.2972



16.3319, 23.0699, 16.7714



18.7766, 23.0699, 47.1822



28.6736, 23.0699, 35.8591

Rectangle

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



25.4120, 23.0699, 11.2972



19.4447, 23.0699, 10.7328



18.7766, 23.0699, 47.1822



24.6126, 23.0699, 48.6868

Sweetspot

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



25.4126, 23.0710, 11.2976



61.5471, 62.6672, 56.7099



24.4740, 16.7043, 24.8255



13.1465, 13.3226, 11.7495



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.



25.4126, 23.0710, 11.2976



42.5918, 36.7248, 13.4949



31.9548, 36.1555, 13.4784



8.2759, 8.5566, 8.4288



14.5078, 10.2211, 1.2082



0.4586, 0.3943, 0.0519

Inverse Universe

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



19.5385, 21.8670, 42.2207



30.7335, 34.2548, 75.7978



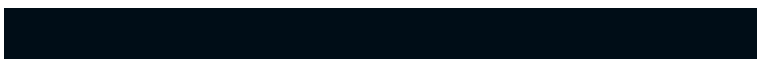
14.7053, 12.2006, 40.6097



7.9455, 8.4904, 10.1727



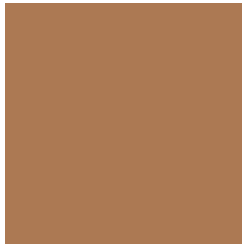
8.8857, 8.9052, 30.2951



0.3000, 0.3534, 0.8604

Previews

White Background



This preview shows how the XYZ color 25.4120, 23.0699, 11.2972 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 25.4120, 23.0699, 11.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

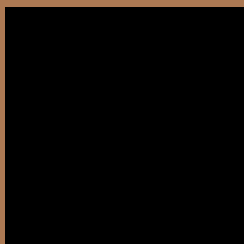
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4120, 23.0699, 11.2972

Background



This preview shows how black text looks on a background with the XYZ color 25.4120, 23.0699, 11.2972.



This preview shows how white text looks on a background with the XYZ color 25.4120, 23.0699,

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

25.4120, 23.0699, 11.2972

Protanopia

21.4732, 23.1199, 12.3477

Deuteranopia

23.4810, 23.0045, 11.1854



Tritanopia

27.5627, 23.0600, 22.0671

Trichromacy



Original Color

25.4120, 23.0699, 11.2972

Protanomaly

22.7253, 22.9803, 12.0420

Deuteranomaly

24.0405, 22.9170, 11.1390

Tritanomaly

26.6943, 23.0597, 17.5120

Monochromacy



Original Color

25.4120, 23.0699, 11.2972

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.7891, 22.8563, 19.1302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4120, 23.0699, 11.2972 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(172, 121, 83)` looks like.

```
.text, #text, p{  
    color:rgb(172, 121, 83)  
}
```

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(172, 121, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 121, 83) }
```

Border

The CSS property to change the border of an element to XYZ 25.4120, 23.0699, 11.2972 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(172, 121, 83) }
```


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

```
.border{ border-color:rgb(172, 121, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 121, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 121, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 121, 83);  
box-shadow:4px 4px 4px 4px rgb(172, 121,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4120, 23.0699, 11.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 121, 83) }
```

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

```
.background{ background-color: rgb(172,  
121, 83) }
```

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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