

Converting Colors

XYZ(25.1109, 23.4116, 7.2135)

Have a look what the booklet for
XYZ(25.1109, 23.4116, 7.2135)
contains.

XYZ(25.0803, 23.3556, 7.1892)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.0803, 23.3556,
7.1892)**

Conversions

Conversions Part 1

Format	Color
Hex	AD7B3A
RGB	173, 123, 58
RGB Percent	68%, 48%, 23%
CMY	0.3216, 0.5176, 0.7725
CMYK	0.00, 0.29, 0.66, 0.32
HSL	34°, 50%, 45%
HSV	34°, 66%, 68%
XYZ	25.0803, 23.3556, 7.1892
YIQ	130.5400, 50.6650, -9.6150

Conversions

Conversions Part 2

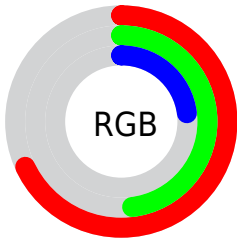
Format	Color
R_{YB}	146, 173, 58
Decimal	11369274
CIE _{Lab}	55.44, 12.78, 42.33
CIE _{LCh}	55, 44.220, 73.195
Yxy	23.3556, 0.4509, 0.4199
Android (android.graphics.Color)	4289559354 (0xFFAD7B3A)
YUV	130.5400, -35.7622, 37.2374
Hunter-Lab	48.3276, 8.0617, 25.0094

Details

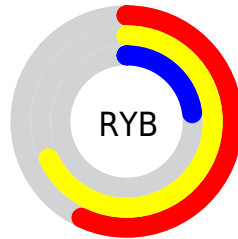
The XYZ color **25.0803, 23.3556, 7.1892** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **14.6501, 14.6413, 41.5890**, and the grayscale version is **21.5206, 22.6413, 24.6564**.

A 20% lighter version of the original color is **51.3155, 48.8985, 20.9211**, and **9.8232, 8.6948, 1.3615** is the 20% darker color. If you saturate the color by 10%, you get **23.8146, 21.4142, 4.9488**, and if you desaturate by 10%, it is **26.5667, 25.5018, 10.2331**.

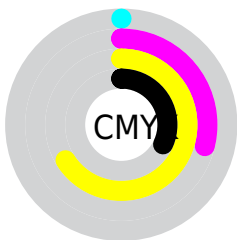
Distribution



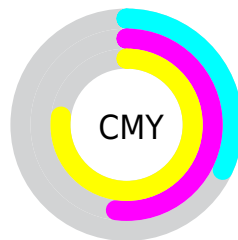
- Red (68%)
- Green (48%)
- Blue (23%)



- Red (57%)
- Yellow (68%)
- Blue (23%)



- Cyan (0%)
- Magenta (29%)
- Yellow (66%)
- Black (32%)





- Cyan (32%)
- Magenta (52%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0803, 23.3556, 7.1892 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 25.0803, 23.3556, 7.1892 by changing the saturation by 10% instead.


 25.0803, 23.3556,
7.1892


 25.0803, 23.3556,
7.1892


270.5779,
269.5462, 178.9168


 16.2659, 14.8563,
3.5005


 51.2294, 48.9766,
20.8721

 9.8046, 8.7186,
1.3555


 69.2949, 66.8670,
31.7034

 5.3308, 4.5581,
0.1066

 91.1748, 88.6566,
45.7527

 2.4794, 1.9904,
0.0000

 117.2344,
114.7298, 63.4384

 0.8849, 0.6019,
0.0000

 147.8392,
145.4710, 85.1791

 0.0000, 0.0000,
0.0000

 183.3545,

181.2645, 111.3934

224.1456,
222.4948, 142.4998

■ 25.0803, 23.3556,
7.1892

■ 25.0803, 23.3556,
7.1892

■ 23.8146, 21.4142,
4.9488

■ 26.5667, 25.5018,
10.2331

■ 22.7508, 19.6648,
3.4285

■ 28.2870, 27.8579,
14.1500

■ 21.8666, 18.0968,
2.5158

■ 30.2551, 30.4327,
19.0034

■ 21.5814, 17.5800,
2.2558

■ 32.4833, 33.2335,
24.8504

■ 34.9829, 36.2670,
31.7436

■ 37.7645, 39.5397,
39.7317

■ 40.8379, 43.0577,
48.8604

■ 44.2126, 46.8268,
59.1729

■ 47.8975, 50.8528,
70.7100

Harmonies

Analogous

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



29.9266, 23.3556, 10.9121



25.0803, 23.3556, 7.1892



20.0865, 23.3556, 6.9985

Triad

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



25.0803, 23.3556, 7.1892



14.1287, 23.3556, 32.2087



29.4096, 23.3556, 51.0810

Complementary

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



25.0803, 23.3556, 7.1892



14.6501, 14.6413, 41.5890

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.



24.4542, 23.3556, 62.5046



25.0803, 23.3556, 7.1892



15.9310, 23.3556, 49.1628

Square

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



25.0803, 23.3556, 7.1892



14.2444, 23.3556, 18.3048



19.5469, 23.3556, 61.6946



32.6705, 23.3556, 34.1998

Rectangle

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



25.0803, 23.3556, 7.1892



17.3636, 23.3556, 8.7063



19.5469, 23.3556, 61.6946



27.8573, 23.3556, 55.9264

Sweetspot

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



25.0808, 23.3568, 7.1896



60.8586, 62.7963, 51.8374



21.5476, 13.0309, 16.0604



12.9627, 13.3273, 10.5403



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.



25.0808, 23.3568, 7.1896



41.6694, 36.7668, 7.3710



31.6965, 38.4354, 9.7514



8.3667, 8.7382, 8.4590



15.9124, 13.0304, 1.6764



0.4958, 0.4687, 0.0643

Inverse Universe

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



14.6501, 14.6413, 41.5890



21.6596, 20.1064, 73.5451



11.1542, 7.1251, 40.3225



7.8546, 8.3086, 10.1424



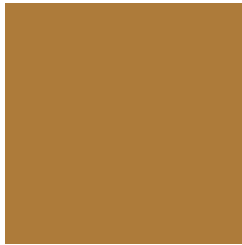
7.4552, 6.0442, 29.8182



0.2625, 0.2783, 0.8479

Previews

White Background



This preview shows how the XYZ color 25.0803, 23.3556, 7.1892 looks on a white background.

Color Contrast Check

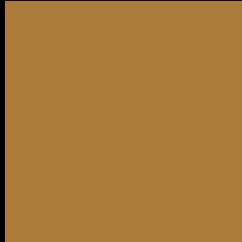
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0803, 23.3556, 7.1892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

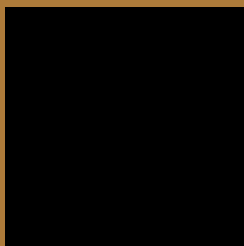
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0803, 23.3556, 7.1892

Background



This preview shows how black text looks on a background with the XYZ color 25.0803, 23.3556, 7.1892.



This preview shows how white text looks on a background with the XYZ color 25.0803, 23.3556,

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

25.0803, 23.3556, 7.1892

Protanopia

21.4426, 23.4079, 7.8029

Deuteranopia

23.8449, 23.4735, 7.1450



Tritanopia

28.3072, 23.4364, 22.4338

Trichromacy



Original Color

25.0803, 23.3556, 7.1892

Protanomaly

22.5705, 23.1949, 7.5624

Deuteranomaly

24.3478, 23.5419, 7.1317

Tritanomaly

26.8503, 23.3633, 15.4063

Monochromacy



Original Color

25.0803, 23.3556, 7.1892

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.0719, 22.5488, 16.2857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0803, 23.3556, 7.1892 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, 123, 58)` looks like.

```
.text, #text, p{  
    color:rgb(173, 123, 58)  
}
```

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, 123, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 123, 58) }
```

Border

The CSS property to change the border of an element to XYZ 25.0803, 23.3556, 7.1892 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, 123, 58) }
```


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

```
.border{ border-color:rgb(173, 123, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 123, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 123, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 123, 58);  
box-shadow:4px 4px 4px 4px rgb(173, 123,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0803, 23.3556, 7.1892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 123, 58) }
```

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

```
.background{ background-color: rgb(173,  
123, 58) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor