

Converting Colors

XYZ(25.5349, 23.1857, 7.1390)

Have a look what the booklet for
XYZ(25.5349, 23.1857, 7.1390)
contains.

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Color

**XYZ(25.5056, 23.2103,
7.1387)**

Conversions

Conversions Part 1

Format	Color
Hex	B0793A
RGB	176, 121, 58
RGB Percent	69%, 47%, 23%
CMY	0.3098, 0.5255, 0.7725
CMYK	0.00, 0.31, 0.67, 0.31
HSL	32°, 50%, 46%
HSV	32°, 67%, 69%
XYZ	25.5056, 23.2103, 7.1387
YIQ	130.2630, 53.0030, -7.9330

Conversions

Conversions Part 2

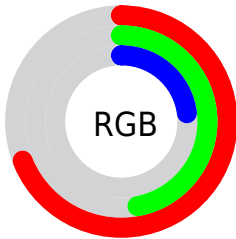
Format	Color
RYB	161, 176, 58
Decimal	11565370
CIELab	55.29, 15.23, 42.26
CIELCh	55, 44.924, 70.187
Yxy	23.2103, 0.4566, 0.4155
Android (android.graphics.Color)	4289755450 (0xFFB0793A)
YUV	130.2630, -35.6257, 40.1113
Hunter-Lab	48.1771, 10.1905, 24.9386

Details

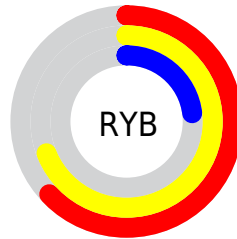
The XYZ color **25.5056, 23.2103, 7.1387** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **15.4862, 15.8437, 43.3161**, and the grayscale version is **21.4209, 22.5365, 24.5422**.

A 20% lighter version of the original color is **51.9113, 48.6320, 20.8383**, and **9.9635, 8.5720, 1.3304** is the 20% darker color. If you saturate the color by 10%, you get **24.1774, 21.1521, 4.8520**, and if you desaturate by 10%, it is **27.0727, 25.5016, 10.2605**.

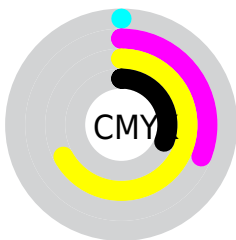
Distribution



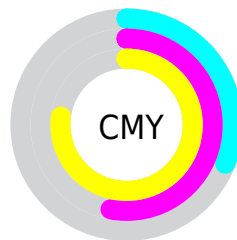
- Red (69%)
- Green (47%)
- Blue (23%)



- Red (63%)
- Yellow (69%)
- Blue (23%)



- Cyan (0%)
- Magenta (31%)
- Yellow (67%)
- Black (31%)



- Cyan (31%)
- Magenta (53%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5056, 23.2103, 7.1387 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 25.5056, 23.2103, 7.1387 by changing the saturation by 10% instead.

■ 25.5056, 23.2103,
7.1387

■ 25.5056, 23.2103,
7.1387

272.6480,
268.8033, 178.4857

■ 16.5849, 14.7489,
3.4692

■ 51.9133, 48.7384,
20.7693

■ 10.0324, 8.6433,
1.3389

■ 70.1310, 66.5739,
31.5675

■ 5.4829, 4.5093,
0.0934

■ 92.1783, 88.3028,
45.5791

■ 2.5709, 1.9623,
0.0000

■ 118.4207,
114.3096, 63.2225

■ 0.9312, 0.5854,
0.0000

■ 149.2236,
144.9787, 84.9163

■ 0.0000, 0.0000,
0.0000

■ 184.9521,

180.6944, 111.0791

225.9718,
221.8411, 142.1294

■ 25.5056, 23.2103,
7.1387

■ 25.5056, 23.2103,
7.1387

■ 24.1774, 21.1521,
4.8520

■ 27.0727, 25.5016,
10.2605

■ 23.0680, 19.3128,
3.3122

■ 28.8932, 28.0321,
14.2907

■ 22.1521, 17.6797,
2.3944

■ 30.9821, 30.8121,
19.2961

■ 21.9047, 17.2305,
2.1713

■ 33.3524, 33.8496,
25.3367

■ 36.0165, 37.1526,
32.4676

■ 38.9856, 40.7285,
40.7402

■ 42.2705, 44.5844,
50.2022

■ 45.8814, 48.7269,
60.8990

■ 49.8280, 53.1626,
72.8733

Harmonies

Analogous

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



30.3089, 23.2103, 11.2765



25.5056, 23.2103, 7.1387



20.3933, 23.2103, 6.6330

Triad

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



25.5056, 23.2103, 7.1387



13.8420, 23.2103, 30.4966



28.9119, 23.2103, 52.9030

Complementary

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



25.5056, 23.2103, 7.1387



15.4862, 15.8437, 43.3161

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.



23.8166, 23.2103, 63.5345



25.5056, 23.2103, 7.1387



15.4637, 23.2103, 47.7024

Square

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



25.5056, 23.2103, 7.1387



14.1523, 23.2103, 16.9949



18.9408, 23.2103, 61.3350



32.4733, 23.2103, 35.8766

Rectangle

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



25.5056, 23.2103, 7.1387



17.5444, 23.2103, 8.0896



18.9408, 23.2103, 61.3350



27.2923, 23.2103, 57.5899

Sweetspot

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



25.5061, 23.2115, 7.1391



63.6648, 65.3485, 54.3859



22.4020, 13.4501, 17.0581



13.5093, 13.8054, 11.0146



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.



25.5061, 23.2115, 7.1391



42.9267, 36.8622, 7.4271



33.3169, 40.1342, 9.9939



8.8595, 9.2315, 8.9674



16.1310, 12.7605, 1.6128



0.5653, 0.5169, 0.0700

Inverse Universe

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



15.4862, 15.8437, 43.3161



23.5146, 22.6228, 77.6226



11.3321, 7.1829, 41.8633



8.3575, 8.8613, 10.7762



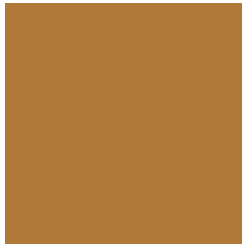
8.0227, 6.8457, 31.0355



0.3110, 0.3325, 0.9960

Previews

White Background



This preview shows how the XYZ color 25.5056, 23.2103, 7.1387 looks on a white background.

Color Contrast Check

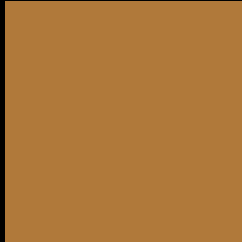
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5056, 23.2103, 7.1387 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 25.5056, 23.2103, 7.1387

Background



This preview shows how black text looks on a background with the XYZ color 25.5056, 23.2103, 7.1387.



This preview shows how white text looks on a background with the XYZ color 25.5056, 23.2103,

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

25.5056, 23.2103, 7.1387

Protanopia

21.2897, 23.3259, 7.9377

Deuteranopia

23.7164, 23.2164, 7.1021



Tritanopia

28.4149, 23.1680, 21.7131

Trichromacy



Original Color

25.5056, 23.2103, 7.1387

Protanomaly

22.7931, 23.3065, 7.7122

Deuteranomaly

24.3084, 23.1457, 7.0573

Tritanomaly

27.2038, 23.2071, 14.8500

Monochromacy



Original Color

25.5056, 23.2103, 7.1387

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.1207, 22.3813, 16.2508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5056, 23.2103, 7.1387 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(176, 121, 58)` looks like.

```
.text, #text, p{  
    color:rgb(176, 121, 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(176, 121, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 121, 58) }
```

Border

The CSS property to change the border of an element to XYZ 25.5056, 23.2103, 7.1387 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(176, 121, 58) }
```


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

```
.border{ border-color:rgb(176, 121, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 121, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 121, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 121, 58);  
box-shadow:4px 4px 4px 4px rgb(176, 121,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5056, 23.2103, 7.1387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 121, 58) }
```

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

```
.background{ background-color: rgb(176,  
121, 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](#).

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