

Converting Colors

XYZ(25.1137, 23.0798, 3.8903)

Have a look what the booklet for
XYZ(25.1137, 23.0798, 3.8903)
contains.

XYZ(25.1137, 23.0798, 3.8903)	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(25.1137, 23.0798,
3.8903)**

Conversions

Conversions Part 1

Format	Color
Hex	B17916
RGB	177, 121, 22
RGB Percent	69%, 47%, 9%
CMY	0.3059, 0.5255, 0.9137
CMYK	0.00, 0.32, 0.88, 0.31
HSL	38°, 78%, 39%
HSV	38°, 88%, 69%
XYZ	25.1137, 23.0798, 3.8903
YIQ	126.4580, 65.1550, -18.9170

Conversions

Conversions Part 2

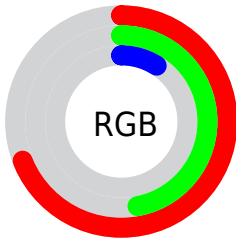
Format	Color
R_{YB}	110, 177, 22
Decimal	11630870
CIE Lab	55.15, 14.14, 56.81
CIE LCh	55, 58.542, 76.019
Yxy	23.0798, 0.4822, 0.4431
Android (android.graphics.Color)	4289820950 (0xFFB17916)
YUV	126.4580, -51.4978, 44.3253
Hunter-Lab	48.0414, 9.2385, 28.8278

Details

The XYZ color **25.1137, 23.0798, 3.8903** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **10.9911, 8.7937, 42.7128**, and the grayscale version is **20.1428, 21.1918, 23.0779**.

A 20% lighter version of the original color is **51.2082, 48.4275, 13.6697**, and **9.9903, 8.6870, 1.1502** is the 20% darker color. If you saturate the color by 10%, you get **24.2414, 21.5293, 3.0015**, and if you desaturate by 10%, it is **26.1504, 24.7804, 5.3861**.

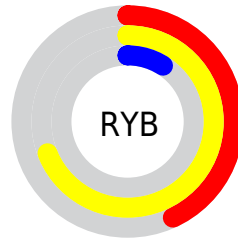
Distribution



 Red (69%)

 Green (47%)

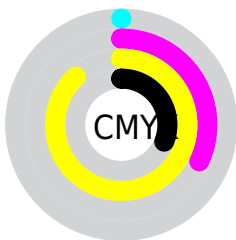
 Blue (9%)



 Red (43%)

 Yellow (69%)

 Blue (9%)

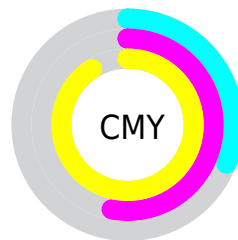


 Cyan (0%)


 Magenta (32%)

 Yellow (88%)

 Black (31%)



 Cyan (31%)


 Magenta (53%)


 Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1137, 23.0798, 3.8903 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 25.1137, 23.0798, 3.8903 by changing the saturation by 10% instead.


 25.1137, 23.0798,
3.8903


 25.1137, 23.0798,
3.8903


270.7409,
268.1346, 146.9981


 16.2910, 14.6524,
1.5654


 51.2832, 48.5243,
13.7560


 9.8224, 8.5758,
0.2659


 69.3606, 66.3103,
22.1338

 5.3427, 4.4656,
0.0000

 91.2537, 87.9846,
33.3663

 2.4865, 1.9373,
0.0000

 117.3278,
113.9316, 47.8720

 0.8885, 0.5706,
0.0000

 147.9482,
144.5357, 66.0695

 0.0000, 0.0000,
0.0000

 183.4803,

180.1813, 88.3773

224.2894,
221.2528, 115.2140

25.1137, 23.0798,
3.8903

25.1137, 23.0798,
3.8903

24.2414, 21.5293,
3.0015

26.1504, 24.7804,
5.3861

24.0427, 21.1696,
2.8190

27.3767, 26.6398,
7.6232

28.8106, 28.6678,
10.6904

30.4675, 30.8718,
14.6638

32.3609, 33.2589,
19.6104

■ 34.5033, 35.8353,
25.5913

■ 36.9060, 38.6069,
32.6621

■ 39.5797, 41.5793,
40.8747

■ 42.5342, 44.7579,
50.2776

Harmonies

Analogous

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



31.8670, 23.0798, 7.1146



25.1137, 23.0798, 3.8903



18.6496, 23.0798, 3.9865

Triad

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



25.1137, 23.0798, 3.8903



11.9425, 23.0798, 36.4221



32.2739, 23.0798, 59.3049

Complementary

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



25.1137, 23.0798, 3.8903



10.9911, 8.7937, 42.7128

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.



25.5888, 23.0798, 77.9932



25.1137, 23.0798, 3.8903



14.3188, 23.0798, 60.9228

Square

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



25.1137, 23.0798, 3.8903



11.8656, 23.0798, 17.4017



19.0395, 23.0798, 78.6998



36.5232, 23.0798, 34.8624

Rectangle

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



25.1137, 23.0798, 3.8903



15.3479, 23.0798, 5.8180



19.0395, 23.0798, 78.6998



30.1836, 23.0798, 66.9034

Sweetspot

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



25.1142, 23.0810, 3.8907



62.2545, 64.7202, 47.1570



19.8237, 10.4832, 8.3446



13.1966, 13.6779, 9.3756



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.



25.1142, 23.0810, 3.8907



42.8428, 37.4802, 4.9763



29.6419, 38.6033, 6.6482



8.9337, 9.3799, 8.9922



17.4789, 15.4565, 2.0622



0.6029, 0.5922, 0.0825

Inverse Universe

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



10.9911, 8.7937, 42.7128



17.2993, 11.8580, 75.8724



9.2053, 4.2548, 41.9308



8.2849, 8.7160, 10.7520



7.1290, 5.0584, 30.7376



0.2809, 0.2723, 0.9860

Previews

White Background



This preview shows how the XYZ color 25.1137, 23.0798, 3.8903 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 25.1137, 23.0798, 3.8903 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 25.1137, 23.0798, 3.8903

Background



This preview shows how black text looks on a background with the XYZ color 25.1137, 23.0798, 3.8903.



This preview shows how white text looks on a background with the XYZ color 25.1137, 23.0798,

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

25.1137, 23.0798, 3.8903

Protanopia

20.9574, 23.2348, 4.2999

Deuteranopia

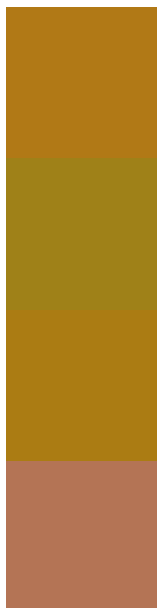
23.5064, 23.1809, 3.8077



Tritanopia

28.6477, 23.1358, 21.0449

Trichromacy



Original Color

25.1137, 23.0798, 3.8903

Protanomaly

22.3132, 23.1374, 4.1541

Deuteranomaly

24.1198, 23.1202, 3.8075

Tritanomaly

26.7075, 22.8500, 11.5972

Monochromacy



Original Color

25.1137, 23.0798, 3.8903

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.6462, 21.1396, 12.2247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1137, 23.0798, 3.8903 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(177, 121, 22)` looks like.

```
.text, #text, p{  
    color:rgb(177, 121, 22)  
}
```

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(177, 121, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 121, 22) }
```

Border

The CSS property to change the border of an element to XYZ 25.1137, 23.0798, 3.8903 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(177, 121, 22) }
```


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

```
.border{ border-color:rgb(177, 121, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 121, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 121, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 121, 22);  
box-shadow:4px 4px 4px 4px rgb(177, 121,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1137, 23.0798, 3.8903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 121, 22) }
```

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

```
.background{ background-color: rgb(177,  
121, 22) }
```

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