

Converting Colors

XYZ(25.1540, 23.2999, 10.7597)

Have a look what the booklet for
XYZ(25.1540, 23.2999, 10.7597)
contains.

XYZ(25.1085, 23.2912, 10.7617)	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(25.1085, 23.2912,
10.7617)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7B50
RGB	170, 123, 80
RGB Percent	67%, 48%, 31%
CMY	0.3333, 0.5176, 0.6863
CMYK	0.00, 0.28, 0.53, 0.33
HSL	29°, 36%, 49%
HSV	29°, 53%, 67%
XYZ	25.1085, 23.2912, 10.7617
YIQ	132.1510, 41.8150, -3.4090

Conversions

Conversions Part 2

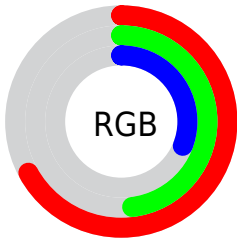
Format	Color
R_{YB}	170, 162, 80
Decimal	11172688
CIE Lab	55.37, 13.19, 30.58
CIE LCh	55, 33.305, 66.673
Yxy	23.2912, 0.4244, 0.3937
Android (android.graphics.Color)	4289362768 (0xFFAA7B50)
YUV	132.1510, -25.7104, 33.1936
Hunter-Lab	48.2610, 8.4107, 20.5616

Details

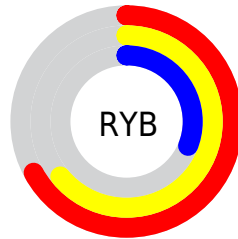
The XYZ color **25.1085, 23.2912, 10.7617** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **18.1529, 19.7855, 40.8923**, and the grayscale version is **22.0665, 23.2157, 25.2819**.

A 20% lighter version of the original color is **51.2332, 48.9933, 27.8755**, and **9.8077, 8.6579, 2.6676** is the 20% darker color. If you saturate the color by 10%, you get **23.5065, 20.9684, 7.5112**, and if you desaturate by 10%, it is **26.9705, 25.8796, 14.8833**.

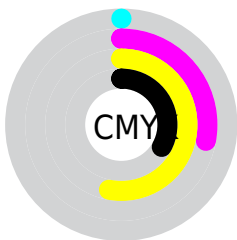
Distribution



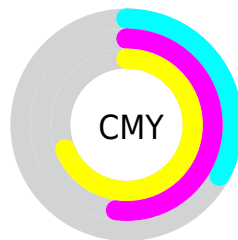
- Red (67%)
- Green (48%)
- Blue (31%)



- Red (67%)
- Yellow (64%)
- Blue (31%)



- Cyan (0%)
- Magenta (28%)
- Yellow (53%)
- Black (33%)





- Cyan (33%)
- Magenta (52%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1085, 23.2912, 10.7617 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 25.1085, 23.2912, 10.7617 by changing the saturation by 10% instead.


 25.1085, 23.2912,
10.7617


 25.1085, 23.2912,
10.7617


270.7155,
269.2171, 206.7037


 16.2871, 14.8087,
5.7947


 51.2748, 48.8710,
27.8485


 9.8197, 8.6852,
2.6539


 69.3504, 66.7371,
40.8055


 5.3409, 4.5364,
0.9201

 91.2414, 88.4999,
57.2627

 2.4854, 1.9779,
0.0000

 117.3133,
114.5437, 77.6389

 0.8879, 0.5946,
0.0000

 147.9312,
145.2529, 102.3526

 0.0000, 0.0000,
0.0000

183.4607,

181.0120, 131.8222

224.2670,
222.2052, 166.4664

■ 25.1085, 23.2912,
10.7617

■ 25.1085, 23.2912,
10.7617

■ 23.5065, 20.9684,
7.5112

■ 26.9705, 25.8796,
14.8833

■ 22.1478, 18.8976,
5.0652

■ 29.1042, 28.7396,
19.9333

■ 21.0164, 17.0689,
3.3494

■ 31.5226, 31.8813,
25.9655

■ 20.0924, 15.4697,
2.2748

■ 34.2374, 35.3131,
33.0291

■ 19.5371, 14.4651,
1.7623

■ 37.2593, 39.0431,
41.1701

■ 40.5987, 43.0787,
50.4318

■ 44.2654, 47.4276,
60.8549

■ 48.2686, 52.0966,
72.4781

■ 52.6173, 57.0926,
85.3383

Harmonies

Analogous

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



28.4197, 23.2912, 14.9427



25.1085, 23.2912, 10.7617



21.3126, 23.2912, 9.9133

Triad

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



25.1085, 23.2912, 10.7617



15.7366, 23.2912, 27.8290



26.7155, 23.2912, 45.7207

Complementary

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



25.1085, 23.2912, 10.7617



18.1529, 19.7855, 40.8923

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.



22.9836, 23.2912, 51.8031



25.1085, 23.2912, 10.7617



16.8570, 23.2912, 39.7536

Square

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



25.1085, 23.2912, 10.7617



16.1699, 23.2912, 18.0489



19.4108, 23.2912, 49.3574



29.4180, 23.2912, 34.4192

Rectangle

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



25.1085, 23.2912, 10.7617



19.0643, 23.2912, 11.0512



19.4108, 23.2912, 49.3574



25.5246, 23.2912, 48.5696

Sweetspot

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



25.1091, 23.2923, 10.7622



60.4093, 61.9269, 55.4211



23.3426, 15.8420, 22.2498



13.2511, 13.5318, 11.7844



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.



25.1091, 23.2923, 10.7622



42.0657, 37.1720, 12.5213



31.8442, 36.7625, 13.0072



7.8157, 8.1115, 7.9430



14.4270, 10.7512, 1.3148



0.4025, 0.3646, 0.0492

Inverse Universe

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



18.1529, 19.7855, 40.8923



28.0183, 30.0788, 73.3310



13.6574, 10.7945, 39.3938



7.4437, 7.9244, 9.5556



8.0073, 7.4749, 28.9963



0.2456, 0.2834, 0.7224

Previews

White Background



This preview shows how the XYZ color 25.1085, 23.2912, 10.7617 looks on a white background.

Color Contrast Check

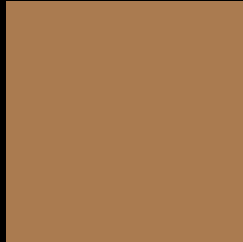
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1085, 23.2912, 10.7617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

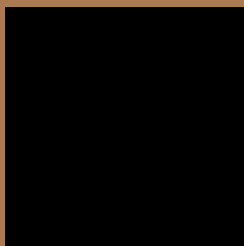
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1085, 23.2912, 10.7617

Background



This preview shows how black text looks on a background with the XYZ color 25.1085, 23.2912, 10.7617.



This preview shows how white text looks on a background with the XYZ color 25.1085, 23.2912,

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

25.1085, 23.2912, 10.7617

Protanopia

21.6648, 23.4349, 11.7690

Deuteranopia

23.6986, 23.3203, 10.6494



Tritanopia

27.5827, 23.2276, 22.7683

Trichromacy



Original Color

25.1085, 23.2912, 10.7617

Protanomaly

22.7380, 23.1951, 11.4623

Deuteranomaly

24.1820, 23.3787, 10.6352

Tritanomaly

26.5907, 23.1820, 17.5411

Monochromacy



Original Color

25.1085, 23.2912, 10.7617

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.6850, 23.0038, 18.8673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1085, 23.2912, 10.7617 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(170, 123, 80)` looks like.

```
.text, #text, p{  
    color:rgb(170, 123, 80)  
}
```

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(170, 123, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 123, 80) }
```

Border

The CSS property to change the border of an element to XYZ 25.1085, 23.2912, 10.7617 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(170, 123, 80) }
```


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

```
.border{ border-color:rgb(170, 123, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 123, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 123, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 123, 80);  
box-shadow:4px 4px 4px 4px rgb(170, 123,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1085, 23.2912, 10.7617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 123, 80) }
```

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

```
.background{ background-color: rgb(170,  
123, 80) }
```

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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