

Converting Colors

XYZ(25.1754, 23.1708, 9.4488)

Have a look what the booklet for
XYZ(25.1754, 23.1708, 9.4488)
contains.

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Color

**XYZ(25.1754, 23.1708,
9.4488)**

Conversions

Conversions Part 1

Format	Color
Hex	AC7A49
RGB	172, 122, 73
RGB Percent	67%, 48%, 29%
CMY	0.3255, 0.5215, 0.7137
CMYK	0.00, 0.29, 0.58, 0.33
HSL	30°, 40%, 48%
HSV	30°, 58%, 67%
XYZ	25.1754, 23.1708, 9.4488
YIQ	131.3640, 45.5290, -4.6390

Conversions

Conversions Part 2

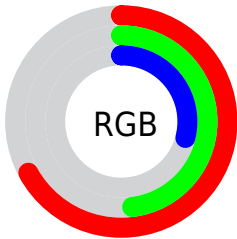
Format	Color
R_{YB}	172, 170, 73
Decimal	11303497
CIE _{Lab}	55.25, 14.00, 34.30
CIE _{LCh}	55, 37.044, 67.788
Yxy	23.1708, 0.4356, 0.4009
Android (android.graphics.Color)	4289493577 (0xFFAC7A49)
YUV	131.3640, -28.7735, 35.6378
Hunter-Lab	48.1361, 9.1183, 22.0570

Details

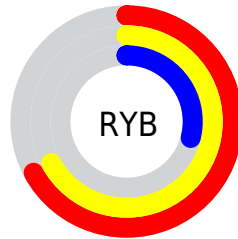
The XYZ color **25.1754, 23.1708, 9.4488** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.2766, 18.5600, 41.7014**, and the grayscale version is **21.7926, 22.9275, 24.9680**.

A 20% lighter version of the original color is **51.3443, 48.5252, 25.3990**, and **9.7715, 8.5527, 2.1131** is the 20% darker color. If you saturate the color by 10%, you get **23.6629, 20.9357, 6.5098**, and if you desaturate by 10%, it is **26.9421, 25.6619, 13.2511**.

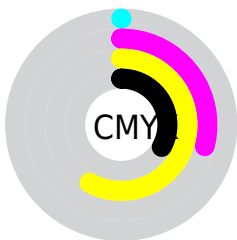
Distribution



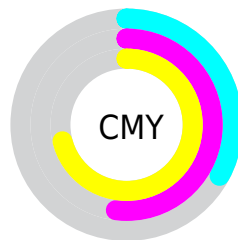
- Red (67%)
- Green (48%)
- Blue (29%)



- Red (67%)
- Yellow (67%)
- Blue (29%)



- Cyan (0%)
- Magenta (29%)
- Yellow (58%)
- Black (33%)





- Cyan (33%)
- Magenta (52%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1754, 23.1708, 9.4488 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 25.1754, 23.1708, 9.4488 by changing the saturation by 10% instead.


 25.1754, 23.1708,
9.4488

 25.1754, 23.1708,
9.4488


271.0419,
268.6010, 197.0312


 16.3372, 14.7197,
4.9343


 51.3825, 48.6736,
25.3449


 9.8554, 8.6229,
2.1507


 69.4821, 66.4941,
37.5635

 5.3647, 4.4960,
0.6457

 91.3995, 88.2065,
53.1872

 2.4998, 1.9547,
0.0000

 117.5002,
114.1952, 72.6345

 0.8951, 0.5810,
0.0000

 148.1494,
144.8447, 96.3241

 0.0000, 0.0000,
0.0000

183.7125,

180.5392, 124.6743

224.5549,
221.6632, 158.1039

■ 25.1754, 23.1708,
9.4488

■ 25.1754, 23.1708,
9.4488

■ 23.6629, 20.9357,
6.5098

■ 26.9421, 25.6619,
13.2511

■ 22.3871, 18.9430,
4.3614

■ 28.9755, 28.4152,
17.9783

■ 21.3303, 17.1823,
2.9214

■ 31.2892, 31.4407,
23.6882

■ 20.4655, 15.6385,
2.0605

■ 33.8953, 34.7468,
30.4333

■ 20.2726, 15.2895,
1.8827

■ 36.8051, 38.3414,
38.2621

■ 40.0291, 42.2322,
47.2205

■ 43.5774, 46.4264,
57.3513

■ 47.4597, 50.9310,
68.6953

■ 51.6850, 55.7528,
81.2912

Harmonies

Analogous

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



28.9409, 23.1708, 13.6687



25.1754, 23.1708, 9.4488



20.9608, 23.1708, 8.6989

Triad

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



25.1754, 23.1708, 9.4488



15.0332, 23.1708, 28.4501



27.2763, 23.1708, 47.9069

Complementary

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



25.1754, 23.1708, 9.4488



17.2766, 18.5600, 41.7014

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.



23.1208, 23.1708, 55.2723



25.1754, 23.1708, 9.4488



16.3062, 23.1708, 41.9579

Square

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



25.1754, 23.1708, 9.4488



15.4382, 23.1708, 17.5470



19.1457, 23.1708, 52.8079



30.2559, 23.1708, 34.8785

Rectangle

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



25.1754, 23.1708, 9.4488



18.5127, 23.1708, 9.9448



19.1457, 23.1708, 52.8079



25.9514, 23.1708, 51.2873

Sweetspot

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



25.1760, 23.1719, 9.4492



61.6180, 63.1945, 55.5451



23.0434, 14.9949, 20.7985



13.1837, 13.4737, 11.5252



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.



25.1760, 23.1719, 9.4492



42.2672, 36.9696, 10.6306



32.6562, 38.1324, 11.9427



8.3204, 8.6455, 8.4436



15.1411, 11.4876, 1.4193



0.4761, 0.4293, 0.0578

Inverse Universe

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



17.2766, 18.5600, 41.7014



26.5551, 27.7931, 74.7708



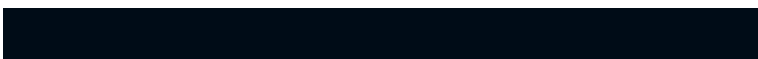
12.6866, 9.3800, 40.1714



7.9006, 8.4006, 10.1578



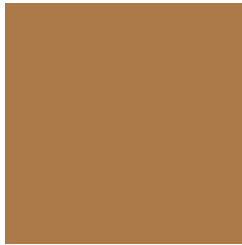
8.1243, 7.3824, 30.0413



0.2807, 0.3148, 0.8539

Previews

White Background



This preview shows how the XYZ color 25.1754, 23.1708, 9.4488 looks on a white background.

Color Contrast Check

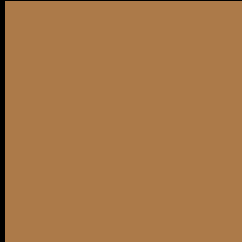
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1754, 23.1708, 9.4488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

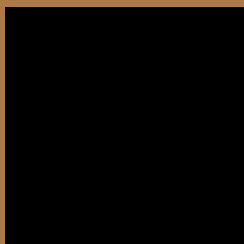
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1754, 23.1708, 9.4488

Background



This preview shows how black text looks on a background with the XYZ color 25.1754, 23.1708, 9.4488.



This preview shows how white text looks on a background with the XYZ color 25.1754, 23.1708,

9.4488.

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

25.1754, 23.1708, 9.4488

Protanopia

21.4041, 23.3306, 10.3963

Deuteranopia

23.5308, 23.0710, 9.3438



Tritanopia

27.8516, 23.2016, 22.4124

Trichromacy



Original Color

25.1754, 23.1708, 9.4488

Protanomaly

22.6723, 23.1909, 10.1188

Deuteranomaly

24.2292, 23.2421, 9.3400

Tritanomaly

26.7591, 23.1114, 16.6863

Monochromacy



Original Color

25.1754, 23.1708, 9.4488

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.3877, 22.6751, 17.9486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1754, 23.1708, 9.4488 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, 122, 73)` looks like.

```
.text, #text, p{  
    color:rgb(172, 122, 73)  
}
```

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, 122, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 122, 73) }
```

Border

The CSS property to change the border of an element to XYZ 25.1754, 23.1708, 9.4488 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, 122, 73) }
```


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

```
.border{ border-color:rgb(172, 122, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 122, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 122, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 122, 73);  
box-shadow:4px 4px 4px 4px rgb(172, 122,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1754, 23.1708, 9.4488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 122, 73) }
```

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

```
.background{ background-color: rgb(172,  
122, 73) }
```

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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