

Converting Colors

XYZ(25.2754, 23.6731, 12.1720)

Have a look what the booklet for
XYZ(25.2754, 23.6731, 12.1720)
contains.

XYZ(25.4161, 23.7904, 12.2693)	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(25.4161, 23.7904,
12.2693)**

Conversions

Conversions Part 1

Format	Color
Hex	A97D57
RGB	169, 125, 87
RGB Percent	66%, 49%, 34%
CMY	0.3373, 0.5098, 0.6588
CMYK	0.00, 0.26, 0.49, 0.34
HSL	28°, 32%, 50%
HSV	28°, 49%, 66%
XYZ	25.4161, 23.7904, 12.2693
YIQ	133.8240, 38.4220, -2.4900

Conversions

Conversions Part 2

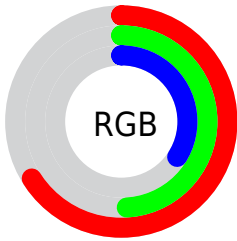
Format	Color
RYB	169, 158, 87
Decimal	11107671
CIELab	55.88, 12.31, 27.33
CIELCh	56, 29.970, 65.747
Yxy	23.7904, 0.4134, 0.3870
Android (android.graphics.Color)	4289297751 (0xFFA97D57)
YUV	133.8240, -23.0842, 30.8494
Hunter-Lab	48.7754, 7.6566, 19.2286

Details

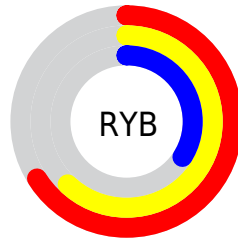
The XYZ color **25.4161, 23.7904, 12.2693** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **19.2078, 21.1225, 40.6006**, and the grayscale version is **22.6681, 23.8486, 25.9711**.

A 20% lighter version of the original color is **51.7998, 49.8157, 30.5522**, and **9.9241, 8.9064, 3.2939** is the 20% darker color. If you saturate the color by 10%, you get **23.7090, 21.3548, 8.6835**, and if you desaturate by 10%, it is **27.3909, 26.5026, 16.7423**.

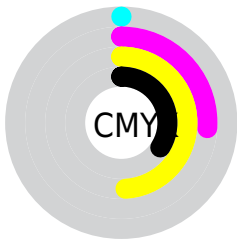
Distribution



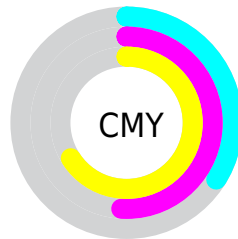
- Red (66%)
- Green (49%)
- Blue (34%)



- Red (66%)
- Yellow (62%)
- Blue (34%)



- Cyan (0%)
- Magenta (26%)
- Yellow (49%)
- Black (34%)



- Cyan (34%)
- Magenta (51%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4161, 23.7904, 12.2693 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 25.4161, 23.7904, 12.2693 by changing the saturation by 10% instead.

■ 25.4161, 23.7904,
12.2693

■ 25.4161, 23.7904,
12.2693

272.2134,
271.7591, 217.2209

■ 16.5177, 15.1782,
6.8026

■ 51.7695, 49.6879,
30.6563

■ 9.9844, 8.9446,
3.2624

■ 69.9552, 67.7421,
44.4138

■ 5.4508, 4.7050,
1.2301

■ 91.9675, 89.7124,
61.7718

■ 2.5516, 2.0753,
0.0035

■ 118.1715,
115.9831, 83.1491

■ 0.9213, 0.6507,
0.0000

■ 148.9328,
146.9388, 108.9641

■ 0.0000, 0.0000,
0.0000

184.6166,

182.9637, 139.6354

225.5884,
224.4424, 175.5814

■ 25.4161, 23.7904,
12.2693

■ 25.4161, 23.7904,
12.2693

■ 23.7090, 21.3548,
8.6835

■ 27.3909, 26.5026,
16.7423

■ 22.2535, 19.1822,
5.9222

■ 29.6446, 29.4974,
22.1565

■ 21.0344, 17.2626,
3.9167

■ 32.1898, 32.7851,
28.5631

■ 20.0335, 15.5841,
2.5864

■ 35.0380, 36.3739,
36.0093

■ 19.2202, 14.1292,
1.7860

■ 38.1996, 40.2722,
44.5391

■ 19.1097, 13.9301,
1.6816

■ 41.6848, 44.4877,
54.1940

■ 45.5032, 49.0278,
65.0135

■ 49.6640, 53.8998,
77.0348

■ 54.1759, 59.1106,
90.2939

Harmonies

Analogous

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



28.3670, 23.7904, 16.4025



25.4161, 23.7904, 12.2693



21.9613, 23.7904, 11.3432

Triad

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



25.4161, 23.7904, 12.2693



16.6911, 23.7904, 27.8316



26.6665, 23.7904, 44.3463

Complementary

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



25.4161, 23.7904, 12.2693



19.2078, 21.1225, 40.6006

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.



23.2756, 23.7904, 49.4631



25.4161, 23.7904, 12.2693



17.6934, 23.7904, 38.5073

Square

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



25.4161, 23.7904, 12.2693



17.1412, 23.7904, 18.9254



20.0222, 23.7904, 47.0944



29.1383, 23.7904, 34.4157

Rectangle

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



25.4161, 23.7904, 12.2693



19.8796, 23.7904, 12.3956



20.0222, 23.7904, 47.0944



25.5841, 23.7904, 46.7865

Sweetspot

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



25.4167, 23.7916, 12.2698



59.2485, 60.7464, 55.2829



23.9422, 16.9203, 23.8699



12.6963, 12.9644, 11.4867



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.4167, 23.7916, 12.2698



42.3158, 38.0324, 15.2602



31.5195, 35.9972, 14.3040



7.8069, 8.0939, 7.9401



14.2950, 10.4872, 1.2708



0.3993, 0.3582, 0.0481

Inverse Universe

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



19.2078, 21.1225, 40.6006



29.8815, 32.6742, 71.9569



14.8418, 12.3904, 39.1453



7.4526, 7.9421, 9.5585



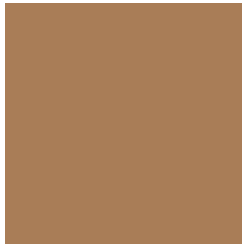
8.1589, 7.7781, 29.0468



0.2489, 0.2900, 0.7235

Previews

White Background



This preview shows how the XYZ color 25.4161, 23.7904, 12.2693 looks on a white background.

Color Contrast Check

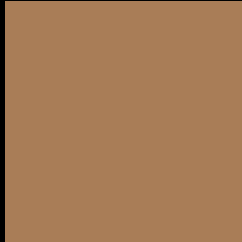
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4161, 23.7904, 12.2693 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 25.4161, 23.7904, 12.2693

Background



This preview shows how black text looks on a background with the XYZ color 25.4161, 23.7904, 12.2693.



This preview shows how white text looks on a background with the XYZ color 25.4161, 23.7904,

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

25.4161, 23.7904, 12.2693

Protanopia

22.0905, 23.8253, 13.3320

Deuteranopia

24.2992, 23.7916, 12.1156



Tritanopia

27.9125, 23.9022, 23.9113

Trichromacy



Original Color

25.4161, 23.7904, 12.2693

Protanomaly

23.2882, 23.8408, 13.0472

Deuteranomaly

24.7861, 23.8500, 12.1012

Tritanomaly

27.0101, 23.9046, 19.1101

Monochromacy



Original Color

25.4161, 23.7904, 12.2693

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.3598, 23.7200, 20.1768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4161, 23.7904, 12.2693 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(169, 125, 87)` looks like.

```
.text, #text, p{  
    color:rgb(169, 125, 87)  
}
```

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(169, 125, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 125, 87) }
```

Border

The CSS property to change the border of an element to XYZ 25.4161, 23.7904, 12.2693 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(169, 125, 87) }
```


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

```
.border{ border-color:rgb(169, 125, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 125, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 125, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 125, 87);  
box-shadow:4px 4px 4px 4px rgb(169, 125,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4161, 23.7904, 12.2693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 125, 87) }
```

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

```
.background{ background-color: rgb(169,  
125, 87) }
```

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