

Converting Colors

XYZ(25.2750, 23.7978, 15.9515)

Have a look what the booklet for
XYZ(25.2750, 23.7978, 15.9515)
contains.

XYZ(25.1690, 23.7735, 15.8326)	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(25.1690, 23.7735,
15.8326)**

Conversions

Conversions Part 1

Format	Color
Hex	A47E66
RGB	164, 126, 102
RGB Percent	64%, 49%, 40%
CMY	0.3569, 0.5059, 0.6000
CMYK	0.00, 0.23, 0.38, 0.36
HSL	23°, 25%, 52%
HSV	23°, 38%, 64%
XYZ	25.1690, 23.7735, 15.8326
YIQ	134.6260, 30.3520, 0.5920

Conversions

Conversions Part 2

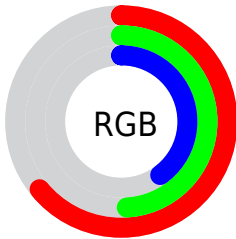
Format	Color
RYB	164, 141, 102
Decimal	10780262
CIELab	55.86, 11.34, 18.73
CIElCh	56, 21.891, 58.810
Yxy	23.7735, 0.3886, 0.3670
Android (android.graphics.Color)	4288970342 (0xFFA47E66)
YUV	134.6260, -16.0846, 25.7610
Hunter-Lab	48.7581, 6.8154, 14.8782

Details

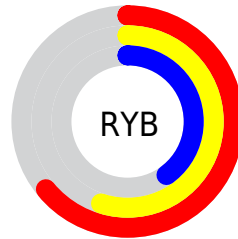
The XYZ color **25.1690, 23.7735, 15.8326** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.5582, 24.2606, 38.6686**, and the grayscale version is **22.9409, 24.1356, 26.2837**.

A 20% lighter version of the original color is **51.3851, 49.7558, 37.0325**, and **9.8990, 8.9631, 4.8227** is the 20% darker color. If you saturate the color by 10%, you get **23.2136, 21.0380, 11.5574**, and if you desaturate by 10%, it is **27.4157, 26.8339, 20.9993**.

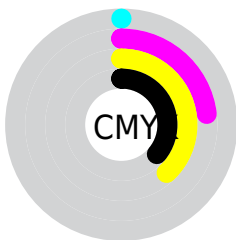
Distribution



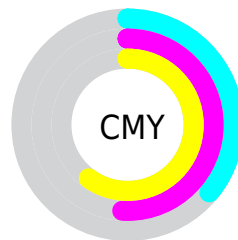
- Red (64%)
- Green (49%)
- Blue (40%)



- Red (64%)
- Yellow (55%)
- Blue (40%)



- Cyan (0%)
- Magenta (23%)
- Yellow (38%)
- Black (36%)





- Cyan (36%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1690, 23.7735, 15.8326 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 25.1690, 23.7735, 15.8326 by changing the saturation by 10% instead.


 25.1690, 23.7735,
15.8326


 25.1690, 23.7735,
15.8326


271.0107,
271.6734, 240.1638


 16.3324, 15.1657,
9.2527


 51.3722, 49.6603,
37.0701

 9.8520, 8.9358,
4.8073


 69.4695, 67.7081,
52.5648

 5.3625, 4.6993,
2.0779

 91.3844, 89.6714,
71.8681

 2.4984, 2.0719,
0.6026

 117.4823,
115.9345, 95.3986

 0.8944, 0.6488,
0.0000

148.1285,
146.8819, 123.5749

 0.0000, 0.0000,
0.0000

183.6884,

182.8979, 156.8155

224.5273,
224.3669, 195.5390

■ 25.1690, 23.7735,
15.8326

■ 25.1690, 23.7735,
15.8326

■ 23.2136, 21.0380,
11.5574

■ 27.4157, 26.8339,
20.9993

■ 21.5343, 18.6127,
8.1207

■ 29.9643, 30.2266,
27.1034

■ 20.1173, 16.4865,
5.4661

■ 32.8269, 33.9629,
34.1893

■ 18.9464, 14.6462,
3.5298

■ 36.0146, 38.0527,
42.2981

■ 18.0034, 13.0776,
2.2372

■ 39.5377, 42.5052,
51.4686

■ 17.2603, 11.7618,
1.4639

■ 43.4062, 47.3295,
61.7376

■ 17.1148, 11.5023,
1.3181

■ 47.6296, 52.5342,
73.1401

■ 52.2169, 58.1277,
85.7094

■ 57.1770, 64.1181,
99.4777

Harmonies

Analogous

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



27.0592, 23.7735, 19.8203



25.1690, 23.7735, 15.8326



22.6957, 23.7735, 14.4481

Triad

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



25.1690, 23.7735, 15.8326



18.1367, 23.7735, 25.6014



24.9843, 23.7735, 39.8650

Complementary

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



25.1690, 23.7735, 15.8326



21.5582, 24.2606, 38.6686

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.



22.4966, 23.7735, 42.1689



25.1690, 23.7735, 15.8326



18.6527, 23.7735, 33.0763

Square

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



25.1690, 23.7735, 15.8326



18.7404, 23.7735, 19.4100



20.2046, 23.7735, 39.4861



26.9471, 23.7735, 33.6609

Rectangle

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



25.1690, 23.7735, 15.8326



21.0862, 23.7735, 14.9485



20.2046, 23.7735, 39.4861



24.1762, 23.7735, 41.1665

Sweetspot

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



25.1696, 23.7746, 15.8331



57.7529, 59.2694, 57.4778



24.8123, 19.2959, 27.3182



12.4800, 12.7674, 12.2037



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.1696, 23.7746, 15.8331



42.7912, 39.1148, 22.3750



29.7258, 32.8871, 17.3518



7.2881, 7.5147, 7.4464



13.1662, 8.9064, 1.0252



0.3217, 0.2772, 0.0365

Inverse Universe

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



21.5582, 24.2606, 38.6686



35.3076, 40.1015, 69.6318



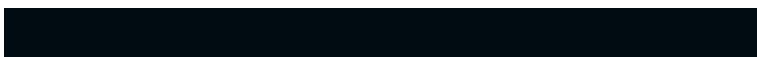
17.6742, 16.4926, 37.3739



7.0447, 7.5485, 8.9888



8.7167, 9.2129, 28.2486



0.2269, 0.2811, 0.6082

Previews

White Background



This preview shows how the XYZ color 25.1690, 23.7735, 15.8326 looks on a white background.

Color Contrast Check

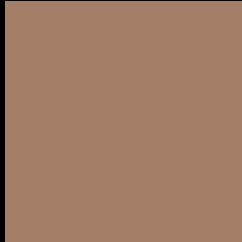
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1690, 23.7735, 15.8326 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 25.1690, 23.7735, 15.8326

Background



This preview shows how black text looks on a background with the XYZ color 25.1690, 23.7735, 15.8326.



This preview shows how white text looks on a background with the XYZ color 25.1690, 23.7735,

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

25.1690, 23.7735, 15.8326

Protanopia

22.4543, 23.9304, 17.0712

Deuteranopia

24.2998, 23.9092, 15.6461



Tritanopia

26.9926, 23.7733, 24.6388

Trichromacy



Original Color

25.1690, 23.7735, 15.8326

Protanomaly

23.4286, 23.8318, 16.7298

Deuteranomaly

24.5653, 23.8515, 15.6210

Tritanomaly

26.1990, 23.6290, 20.9493

Monochromacy



Original Color

25.1690, 23.7735, 15.8326

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.6805, 24.0436, 22.1317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1690, 23.7735, 15.8326 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(164, 126, 102)` looks like.

```
.text, #text, p{  
    color:rgb(164, 126, 102)  
}
```

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(164, 126, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 126, 102) }
```

Border

The CSS property to change the border of an element to XYZ 25.1690, 23.7735, 15.8326 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(164, 126, 102) }
```


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

```
.border{ border-color:rgb(164, 126, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 126, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 126, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 126, 102);  
box-shadow:4px 4px 4px 4px rgb(164, 126,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1690, 23.7735, 15.8326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 126, 102) }
```

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

```
.background{ background-color: rgb(164,  
126, 102) }
```

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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