

Converting Colors

XYZ(25.6982, 24.0824, 15.6505)

Have a look what the booklet for
XYZ(25.6982, 24.0824, 15.6505)
contains.

XYZ(25.7462, 24.0768, 15.6022)	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(25.7462, 24.0768,
15.6022)**

Conversions

Conversions Part 1

Format	Color
Hex	A77E65
RGB	167, 126, 101
RGB Percent	65%, 49%, 40%
CMY	0.3451, 0.5059, 0.6039
CMYK	0.00, 0.25, 0.40, 0.35
HSL	23°, 27%, 53%
HSV	23°, 40%, 65%
XYZ	25.7462, 24.0768, 15.6022
YIQ	135.4090, 32.4610, 0.9170

Conversions

Conversions Part 2

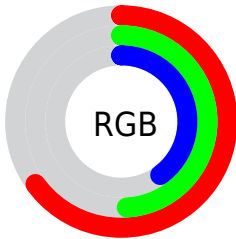
Format	Color
R_{YB}	167, 141, 101
Decimal	10976869
CIE _{Lab}	56.16, 12.46, 19.76
CIE _{LCh}	56, 23.364, 57.769
Yxy	24.0768, 0.3935, 0.3680
Android (android.graphics.Color)	4289166949 (0xFFA77E65)
YUV	135.4090, -16.9636, 27.7053
Hunter-Lab	49.0681, 7.7903, 15.4952

Details

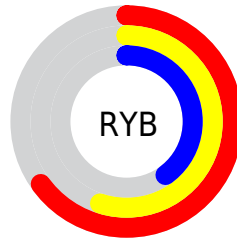
The XYZ color **25.7462, 24.0768, 15.6022** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.0145, 24.9018, 40.2055**, and the grayscale version is **23.2344, 24.4443, 26.6199**.

A 20% lighter version of the original color is **52.2190, 50.1952, 36.6422**, and **10.1298, 9.0848, 4.7097** is the 20% darker color. If you saturate the color by 10%, you get **23.7514, 21.2662, 11.3024**, and if you desaturate by 10%, it is **28.0461, 27.2313, 20.8245**.

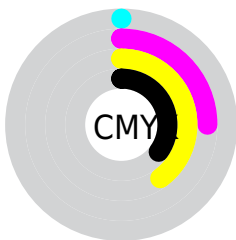
Distribution



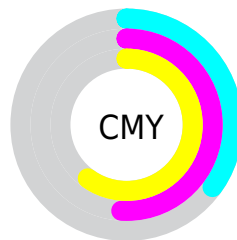
- Red (65%)
- Green (49%)
- Blue (40%)



- Red (65%)
- Yellow (55%)
- Blue (40%)



- Cyan (0%)
- Magenta (25%)
- Yellow (40%)
- Black (35%)





- Cyan (35%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7462, 24.0768, 15.6022 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 25.7462, 24.0768, 15.6022 by changing the saturation by 10% instead.


 25.7462, 24.0768,
15.6022


 25.7462, 24.0768,
15.6022


273.8136,
273.2085, 238.7478


 16.7655, 15.3906,
9.0918


 52.2994, 50.1555,
36.6633


 10.1617, 9.0940,
4.7035


 70.6028, 68.3168,
52.0512

 5.5694, 4.8025,
2.0187

 92.7443, 90.4052,
71.2352

 2.6232, 2.1319,
0.5667

 119.0895,
116.8052, 94.6341

 0.9578, 0.6825,
0.0000

150.0037,
147.9011, 122.6662

 0.0000, 0.0000,
0.0000

185.8522,

184.0774, 155.7502

227.0003,
225.7184, 194.3045

■ 25.7462, 24.0768,
15.6022

■ 25.7462, 24.0768,
15.6022

■ 23.7514, 21.2662,
11.3024

■ 28.0461, 27.2313,
20.8245

■ 22.0455, 18.7837,
7.8689

■ 30.6625, 30.7380,
27.0181

■ 20.6135, 16.6173,
5.2415

■ 33.6085, 34.6092,
34.2301

■ 19.4382, 14.7525,
3.3516

■ 36.8958, 38.8554,
42.5039

■ 18.4995, 13.1735,
2.1188

■ 40.5355, 43.4867,
51.8806

■ 17.7609, 11.8576,
1.3756

■ 44.5381, 48.5129,
62.3990

■ 17.7287, 11.8002,
1.3433

■ 48.9139, 53.9434,
74.0959

■ 53.6724, 59.7871,
87.0067

■ 58.8231, 66.0528,
101.1650

Harmonies

Analogous

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



27.7571, 24.0768, 19.9193



25.7462, 24.0768, 15.6022



23.0856, 24.0768, 14.0541

Triad

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



25.7462, 24.0768, 15.6022



18.1085, 24.0768, 25.6448



25.3719, 24.0768, 41.5747

Complementary

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



25.7462, 24.0768, 15.6022



22.0145, 24.9018, 40.2055

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.



22.6841, 24.0768, 43.9151



25.7462, 24.0768, 15.6022



18.6180, 24.0768, 33.7158

Square

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



25.7462, 24.0768, 15.6022



18.7935, 24.0768, 19.1015



20.2427, 24.0768, 40.7977



27.5294, 24.0768, 34.9073

Rectangle

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



25.7462, 24.0768, 15.6022



21.3464, 24.0768, 14.5167



20.2427, 24.0768, 40.7977



24.4943, 24.0768, 42.9444

Sweetspot

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



25.7468, 24.0779, 15.6027



58.7084, 60.0477, 57.6364



25.5330, 19.5002, 28.3256



12.9889, 13.2425, 12.5316



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.



25.7468, 24.0779, 15.6027



43.0970, 38.8855, 21.4169



30.5464, 33.6772, 17.2026



7.7553, 7.9907, 7.9229



13.6103, 9.1179, 1.0426



0.3806, 0.3207, 0.0418

Inverse Universe

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



22.0145, 24.9018, 40.2055



35.4975, 40.5363, 71.4286



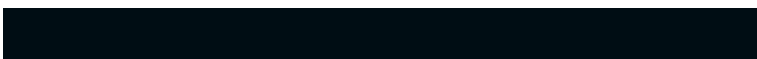
17.8965, 16.6657, 38.8329



7.5052, 8.0473, 9.5761



9.1532, 9.7666, 29.3782



0.2696, 0.3315, 0.7304

Previews

White Background



This preview shows how the XYZ color 25.7462, 24.0768, 15.6022 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 25.7462, 24.0768, 15.6022 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 25.7462, 24.0768, 15.6022

Background



This preview shows how black text looks on a background with the XYZ color 25.7462, 24.0768, 15.6022.



This preview shows how white text looks on a background with the XYZ color 25.7462, 24.0768,

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

25.7462, 24.0768, 15.6022

Protanopia

22.7154, 24.2772, 16.8533

Deuteranopia

24.4486, 23.9915, 15.3988



Tritanopia

27.6338, 24.1038, 24.6688

Trichromacy



Original Color

25.7462, 24.0768, 15.6022

Protanomaly

23.6988, 24.1774, 16.5143

Deuteranomaly

24.9197, 24.0398, 15.3833

Tritanomaly

26.8353, 23.9570, 20.9791

Monochromacy



Original Color

25.7462, 24.0768, 15.6022

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.8590, 24.1356, 22.1400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7462, 24.0768, 15.6022 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(167, 126, 101)` looks like.

```
.text, #text, p{  
    color:rgb(167, 126, 101)  
}
```

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(167, 126, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 126, 101) }
```

Border

The CSS property to change the border of an element to XYZ 25.7462, 24.0768, 15.6022 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(167, 126, 101) }
```


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

```
.border{ border-color:rgb(167, 126, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 126, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 126, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 126, 101);  
box-shadow:4px 4px 4px 4px rgb(167, 126,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7462, 24.0768, 15.6022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 126, 101) }
```

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

```
.background{ background-color: rgb(167,  
126, 101) }
```

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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