

Converting Colors

XYZ(24.2262, 24.4189, 15.4936)

Have a look what the booklet for
XYZ(24.2262, 24.4189, 15.4936)
contains.

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Color

**XYZ(24.2618, 24.4905,
15.5050)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8464
RGB	156, 132, 100
RGB Percent	61%, 52%, 39%
CMY	0.3882, 0.4823, 0.6078
CMYK	0.00, 0.15, 0.36, 0.39
HSL	34°, 22%, 50%
HSV	34°, 36%, 61%
XYZ	24.2618, 24.4905, 15.5050
YIQ	135.5280, 24.5760, -4.8640

Conversions

Conversions Part 2

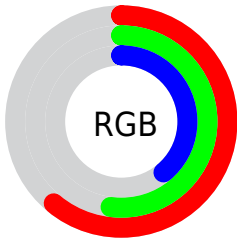
Format	Color
R_{YB}	142, 156, 100
Decimal	10257508
CIE _{Lab}	56.58, 4.35, 20.69
CIE _{LCh}	57, 21.142, 78.130
Yxy	24.4905, 0.3776, 0.3811
Android (android.graphics.Color)	4288447588 (0xFF9C8464)
YUV	135.5280, -17.5153, 17.9539
Hunter-Lab	49.4879, 0.9072, 16.0654

Details

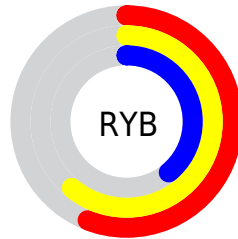
The XYZ color **24.2618, 24.4905, 15.5050** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.4638, 19.5244, 34.2480**, and the grayscale version is **23.2827, 24.4953, 26.6753**.

A 20% lighter version of the original color is **49.7988, 50.7812, 36.4552**, and **9.4448, 9.3866, 4.6822** is the 20% darker color. If you saturate the color by 10%, you get **22.7004, 22.4625, 11.6094**, and if you desaturate by 10%, it is **26.0272, 26.6948, 20.1825**.

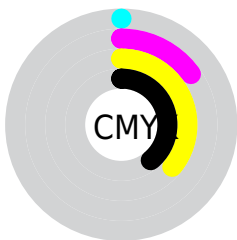
Distribution



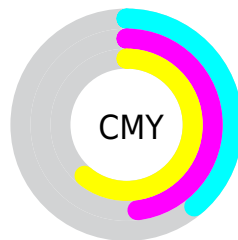
- Red (61%)
- Green (52%)
- Blue (39%)



- Red (56%)
- Yellow (61%)
- Blue (39%)



- Cyan (0%)
- Magenta (15%)
- Yellow (36%)
- Black (39%)





- Cyan (39%)
- Magenta (48%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.2618, 24.4905, 15.5050 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 24.2618, 24.4905, 15.5050 by changing the saturation by 10% instead.


 24.2618, 24.4905,
15.5050


 24.2618, 24.4905,
15.5050


266.5574,
275.2910, 238.1480


 15.6537, 15.6979,
9.0240


 49.9087, 50.8295,
36.4914


 9.3687, 9.3106,
4.6598


 67.6781, 69.1446,
51.8340

 5.0415, 4.9443,
1.9939

 89.2322, 91.4026,
70.9675

 2.3066, 2.2146,
0.5515

 114.9360,
117.9880, 94.3105

 0.7981, 0.7280,
0.0000

145.1551,
149.2852, 122.2815

 0.0000, 0.0000,
0.0000

180.2548,

185.6785, 155.2990

220.6004,
227.5523, 193.7817

■ 24.2618, 24.4905,
15.5050

■ 24.2618, 24.4905,
15.5050

■ 22.7004, 22.4625,
11.6094

■ 26.0272, 26.6948,
20.1825

■ 21.3317, 20.6019,
8.4502

■ 28.0033, 29.0772,
25.6809

■ 20.1462, 18.9040,
5.9795

■ 30.1989, 31.6437,
32.0383

■ 19.1323, 17.3625,
4.1431

■ 32.6216, 34.3989,
39.2900

■ 18.2773, 15.9701,
2.8783

■ 35.2788, 37.3472,
47.4695

■ 17.5635, 14.7181,
2.0990

■ 38.1772, 40.4930,
56.6083

■ 17.2954, 14.2380,
1.8366

■ 41.3234, 43.8404,
66.7364

■ 44.7239, 47.3934,
77.8828

■ 48.3846, 51.1558,
90.0749

Harmonies

Analogous

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



26.5718, 24.4905, 17.8139



24.2618, 24.4905, 15.5050



21.8395, 24.4905, 15.7727

Triad

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



24.2618, 24.4905, 15.5050



19.0741, 24.4905, 31.0971



26.9719, 24.4905, 36.7431

Complementary

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



24.2618, 24.4905, 15.5050



18.4638, 19.5244, 34.2480

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.



24.7772, 24.4905, 41.6846



24.2618, 24.4905, 15.5050



20.2674, 24.4905, 38.0509

Square

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



24.2618, 24.4905, 15.5050



18.9575, 24.4905, 23.9813



22.3202, 24.4905, 42.2013



28.2084, 24.4905, 29.5439

Rectangle

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



24.2618, 24.4905, 15.5050



20.4833, 24.4905, 17.3842



22.3202, 24.4905, 42.2013



26.3149, 24.4905, 38.7740

Sweetspot

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



24.2624, 24.4916, 15.5055



52.6773, 54.9514, 51.8482



21.9226, 17.6445, 21.4079



11.4837, 11.9656, 11.0984



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.2624, 24.4916, 15.5055



41.7816, 41.5269, 22.4219



27.1877, 31.3983, 16.6844



6.9319, 7.2437, 7.0185



14.2809, 11.7975, 1.5245



0.2968, 0.2939, 0.0411

Inverse Universe

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



18.4638, 19.5244, 34.2480



29.6728, 31.1599, 61.5773



16.2362, 14.4421, 33.3844



6.5068, 6.8793, 8.3916



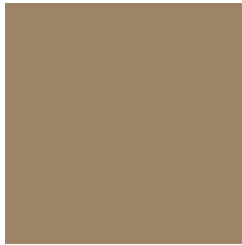
6.6218, 5.3351, 26.5880



0.1595, 0.1777, 0.4891

Previews

White Background



This preview shows how the XYZ color 24.2618, 24.4905, 15.5050 looks on a white background.

Color Contrast Check

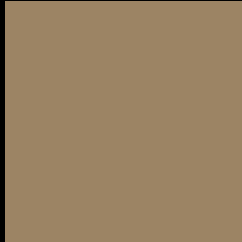
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2618, 24.4905, 15.5050 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 24.2618, 24.4905, 15.5050

Background



This preview shows how black text looks on a background with the XYZ color 24.2618, 24.4905, 15.5050.



This preview shows how white text looks on a background with the XYZ color 24.2618, 24.4905,

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

24.2618, 24.4905, 15.5050

Protanopia

23.0565, 24.6786, 16.1186

Deuteranopia

24.9808, 24.4624, 15.4617



Tritanopia

26.6019, 24.4585, 26.9858

Trichromacy



Original Color

24.2618, 24.4905, 15.5050

Protanomaly

23.5906, 24.7516, 15.8461

Deuteranomaly

24.7146, 24.5236, 15.4875

Tritanomaly

25.7864, 24.5267, 22.4438

Monochromacy



Original Color

24.2618, 24.4905, 15.5050

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.5668, 24.5976, 22.2446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2618, 24.4905, 15.5050 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(156, 132, 100)` looks like.

```
.text, #text, p{  
    color:rgb(156, 132, 100)  
}
```

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(156, 132, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 132, 100) }
```

Border

The CSS property to change the border of an element to XYZ 24.2618, 24.4905, 15.5050 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(156, 132, 100) }
```


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

```
.border{ border-color:rgb(156, 132, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 132, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 132, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 132, 100);  
box-shadow:4px 4px 4px 4px rgb(156, 132,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2618, 24.4905, 15.5050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 132, 100) }
```

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

```
.background{ background-color: rgb(156,  
132, 100) }
```

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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