

Converting Colors

XYZ(24.0624, 25.8501, 15.5257)

Have a look what the booklet for
XYZ(24.0624, 25.8501, 15.5257)
contains.

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Color

**XYZ(24.0624, 25.8501,
15.5257)**

Conversions

Conversions Part 1

Format	Color
Hex	968B63
RGB	150, 139, 99
RGB Percent	59%, 55%, 39%
CMY	0.4118, 0.4549, 0.6118
CMYK	0.00, 0.07, 0.34, 0.41
HSL	47°, 20%, 49%
HSV	47°, 34%, 59%
XYZ	24.0624, 25.8501, 15.5257
YIQ	137.7290, 19.3960, -10.1080

Conversions

Conversions Part 2

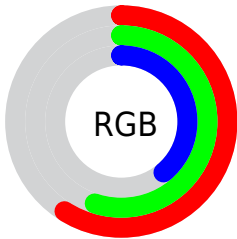
Format	Color
RYB	113, 150, 99
Decimal	9866083
CIELab	57.89, -2.21, 22.92
CIELCh	58, 23.024, 95.502
Yxy	25.8501, 0.3677, 0.3950
Android (android.graphics.Color)	4288056163 (0xFF968B63)
YUV	137.7290, -19.0934, 10.7617
Hunter-Lab	50.8430, -4.4968, 17.4850

Details

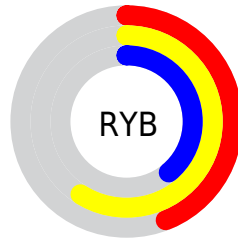
The XYZ color **24.0624, 25.8501, 15.5257** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.2264, 16.0060, 31.0884**, and the grayscale version is **24.1200, 25.3761, 27.6346**.

A 20% lighter version of the original color is **49.5315, 52.8804, 36.4505**, and **9.2292, 9.9894, 4.6905** is the 20% darker color. If you saturate the color by 10%, you get **22.9497, 24.6677, 11.9395**, and if you desaturate by 10%, it is **25.3235, 27.1159, 19.8192**.

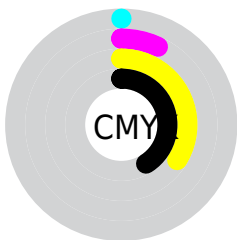
Distribution



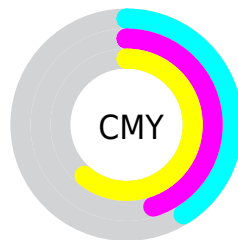
- Red (59%)
- Green (55%)
- Blue (39%)



- Red (44%)
- Yellow (59%)
- Blue (39%)



- Cyan (0%)
- Magenta (7%)
- Yellow (34%)
- Black (41%)



- Cyan (41%)
- Magenta (45%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0624, 25.8501, 15.5257 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 24.0624, 25.8501, 15.5257 by changing the saturation by 10% instead.

■ 24.0624, 25.8501,
15.5257

■ 24.0624, 25.8501,
15.5257

265.5704,
282.0455, 238.2758

■ 15.5049, 16.7115,
9.0385

■ 49.5859, 53.0330,
36.5281

■ 9.2631, 10.0290,
4.6691

■ 67.2827, 71.8462,
51.8803

■ 4.9717, 5.4182,
1.9991

■ 88.7566, 94.6530,
71.0245

■ 2.2652, 2.4947,
0.5547

■ 114.3730,
121.8378, 94.3794

■ 0.7768, 0.8740,
0.0000

144.4972,
153.7851, 122.3635

■ 0.0000, 0.0000,
0.0000

179.4946,

190.8792, 155.3952

219.7305,
233.5045, 193.8931

■ 24.0624, 25.8501,
15.5257

■ 24.0624, 25.8501,
15.5257

■ 22.9497, 24.6677,
11.9395

■ 25.3235, 27.1159,
19.8192

■ 21.9760, 23.5619,
9.0201

■ 26.7379, 28.4645,
24.8543

■ 21.1336, 22.5304,
6.7251

■ 28.3129, 29.8998,
30.6651

■ 20.4133, 21.5694,
5.0070

■ 30.0544, 31.4245,
37.2830

■ 19.8048, 20.6745,
3.8110

■ 31.9683, 33.0411,
44.7377

■ 19.2953, 19.8403,
3.0711

■ 34.0599, 34.7518,
53.0574

■ 19.0159, 19.3604,
2.7347

■ 36.3345, 36.5589,
62.2691

■ 38.7971, 38.4647,
72.3983

■ 41.4524, 40.4712,
83.4698

Harmonies

Analogous

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



26.8460, 25.8501, 16.4190



24.0624, 25.8501, 15.5257



21.6036, 25.8501, 17.4618

Triad

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



24.0624, 25.8501, 15.5257



20.4824, 25.8501, 37.9705



29.7441, 25.8501, 34.9598

Complementary

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



24.0624, 25.8501, 15.5257



16.2264, 16.0060, 31.0884

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.



27.7957, 25.8501, 42.4862



24.0624, 25.8501, 15.5257



22.4259, 25.8501, 44.4407

Square

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



24.0624, 25.8501, 15.5257



19.6386, 25.8501, 29.6350



25.0842, 25.8501, 46.2315



30.2641, 25.8501, 26.7085

Rectangle

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



24.0624, 25.8501, 15.5257



20.4350, 25.8501, 20.3582



25.0842, 25.8501, 46.2315



29.2277, 25.8501, 37.7037

Sweetspot

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



24.0631, 25.8513, 15.5262



48.2094, 51.1784, 47.5969



19.8569, 16.5349, 16.9114



10.6074, 11.2716, 10.2677



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.0631, 25.8513, 15.5262



40.9102, 43.9788, 22.3544



23.2390, 27.9102, 15.9671



6.1604, 6.5346, 6.1771



15.7953, 16.1049, 2.2761



0.2145, 0.2395, 0.0349

Inverse Universe

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



16.2264, 16.0060, 31.0884



24.8793, 23.8467, 54.2128



16.8352, 14.6666, 30.7978



5.5949, 5.8237, 7.2989



5.0222, 2.7392, 24.1951



0.0798, 0.0701, 0.3022

Previews

White Background



This preview shows how the XYZ color 24.0624, 25.8501, 15.5257 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 24.0624, 25.8501, 15.5257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

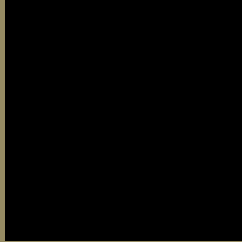
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.0624, 25.8501, 15.5257

Background



This preview shows how black text looks on a background with the XYZ color 24.0624, 25.8501, 15.5257.



This preview shows how white text looks on a background with the XYZ color 24.0624, 25.8501,

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

24.0624, 25.8501, 15.5257

Protanopia

24.0624, 25.8501, 15.5257

Deuteranopia

26.2048, 25.6945, 15.6350



Tritanopia

26.9391, 25.7572, 29.9374

Trichromacy



Original Color

24.0624, 25.8501, 15.5257

Protanomaly

24.0624, 25.8501, 15.5257

Deuteranomaly

25.4614, 25.7216, 15.6794

Tritanomaly

25.6971, 25.6588, 24.0203

Monochromacy



Original Color

24.0624, 25.8501, 15.5257

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.8819, 25.3830, 22.7095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0624, 25.8501, 15.5257 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(150, 139, 99)` looks like.

```
.text, #text, p{  
    color:rgb(150, 139, 99)  
}
```

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(150, 139, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 139, 99) }
```

Border

The CSS property to change the border of an element to XYZ 24.0624, 25.8501, 15.5257 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(150, 139, 99) }
```


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

```
.border{ border-color:rgb(150, 139, 99) }
```

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

Here you see how a box with a 4 pixel rgb(150, 139, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 139, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 139, 99);  
box-shadow:4px 4px 4px 4px rgb(150, 139,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0624, 25.8501, 15.5257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 139, 99) }
```

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

```
.background{ background-color: rgb(150,  
139, 99) }
```

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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