

Converting Colors

XYZ(24.2350, 26.0015, 16.9154)

Have a look what the booklet for
XYZ(24.2350, 26.0015, 16.9154)
contains.

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Color

**XYZ(24.1257, 25.8543,
16.8155)**

Conversions

Conversions Part 1

Format	Color
Hex	958B68
RGB	149, 139, 104
RGB Percent	58%, 55%, 41%
CMY	0.4157, 0.4549, 0.5922
CMYK	0.00, 0.07, 0.30, 0.42
HSL	47°, 18%, 50%
HSV	47°, 30%, 58%
XYZ	24.1257, 25.8543, 16.8155
YIQ	138.0000, 17.1950, -8.7650

Conversions

Conversions Part 2

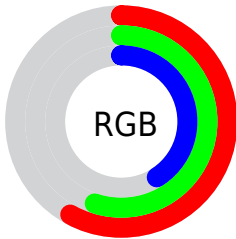
Format	Color
R_{YB}	117, 149, 104
Decimal	9800552
CIE _{Lab}	57.90, -1.95, 20.11
CIE _{LCh}	58, 20.202, 95.533
Yxy	25.8543, 0.3612, 0.3871
Android (android.graphics.Color)	4287990632 (0xFF958B68)
YUV	138.0000, -16.7620, 9.6470
Hunter-Lab	50.8471, -4.2886, 15.9854

Details

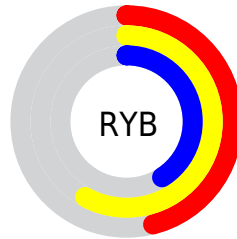
The XYZ color **24.1257, 25.8543, 16.8155** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.1508, 17.1470, 30.8395**, and the grayscale version is **24.2154, 25.4764, 27.7438**.

A 20% lighter version of the original color is **49.6679, 52.9032, 38.6039**, and **9.3479, 10.0368, 5.3155** is the 20% darker color. If you saturate the color by 10%, you get **22.9630, 24.6349, 13.0182**, and if you desaturate by 10%, it is **25.4380, 27.1586, 21.3231**.

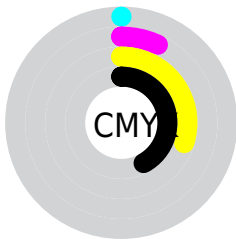
Distribution



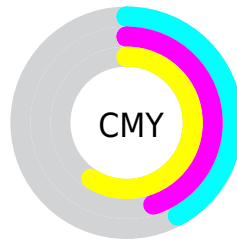
- Red (58%)
- Green (55%)
- Blue (41%)



- Red (46%)
- Yellow (58%)
- Blue (41%)



- Cyan (0%)
- Magenta (7%)
- Yellow (30%)
- Black (42%)



- Cyan (42%)
- Magenta (45%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1257, 25.8543, 16.8155 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 24.1257, 25.8543, 16.8155 by changing the saturation by 10% instead.

■ 24.1257, 25.8543,
16.8155

■ 24.1257, 25.8543,
16.8155

265.8841,
282.0661, 246.1148

■ 15.5521, 16.7147,
9.9425

■ 49.6884, 53.0398,
38.7946

■ 9.2966, 10.0313,
5.2557

■ 67.4083, 71.8545,
54.7377

■ 4.9938, 5.4197,
2.3367

■ 88.9077, 94.6629,
74.5413

■ 2.2784, 2.4956,
0.7517

■ 114.5518,
121.8496, 98.6238

■ 0.7836, 0.8744,
0.0000

144.7062,
153.7989, 127.4039

■ 0.0000, 0.0000,
0.0000

179.7361,

190.8951, 161.3001

220.0070,
233.5227, 200.7308

■ 24.1257, 25.8543,
16.8155

■ 24.1257, 25.8543,
16.8155

■ 22.9630, 24.6349,
13.0182

■ 25.4380, 27.1586,
21.3231

■ 21.9407, 23.4937,
9.8925

■ 26.9046, 28.5472,
26.5738

■ 21.0518, 22.4287,
7.3984

■ 28.5323, 30.0238,
32.6002

■ 20.2874, 21.4361,
5.4909

■ 30.3270, 31.5910,
39.4327

■ 19.6380, 20.5119,
4.1193

■ 32.2943, 33.2513,
47.0998

■ 19.0919, 19.6512,
3.2240

■ 34.4394, 35.0069,
55.6289

■ 18.6285, 18.8577,
2.6581

■ 36.7674, 36.8600,
65.0458

■ 39.2831, 38.8128,
75.3754

■ 41.9912, 40.8672,
86.6418

Harmonies

Analogous

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



26.5616, 25.8543, 17.6372



24.1257, 25.8543, 16.8155



21.9554, 25.8543, 18.5995

Triad

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



24.1257, 25.8543, 16.8155



20.9618, 25.8543, 36.6722



29.0799, 25.8543, 34.0692

Complementary

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



24.1257, 25.8543, 16.8155



17.1508, 17.1470, 30.8395

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.



27.3924, 25.8543, 40.5145



24.1257, 25.8543, 16.8155



22.6876, 25.8543, 42.1826

Square

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



24.1257, 25.8543, 16.8155



20.2075, 25.8543, 29.4618



25.0273, 25.8543, 43.6933



29.5275, 25.8543, 26.8796

Rectangle

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



24.1257, 25.8543, 16.8155



20.9170, 25.8543, 21.2324



25.0273, 25.8543, 43.6933



28.6336, 25.8543, 36.4295

Sweetspot

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



24.1264, 25.8555, 16.8160



48.4661, 51.3863, 48.6244



20.4107, 17.5168, 18.3748



10.6588, 11.3121, 10.4768



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.



24.1264, 25.8555, 16.8160



41.8175, 44.8601, 25.5342



23.5627, 27.8127, 17.2235



6.1573, 6.5284, 6.1760



15.7011, 15.9165, 2.2447



0.2138, 0.2381, 0.0347

Inverse Universe

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



17.1508, 17.1470, 30.8395



27.3415, 26.7926, 54.6517



17.5778, 15.7839, 30.5538



5.5978, 5.8296, 7.2999



5.0450, 2.7849, 24.2027



0.0805, 0.0715, 0.3025

Previews

White Background



This preview shows how the XYZ color 24.1257, 25.8543, 16.8155 looks on a white background.

Color Contrast Check

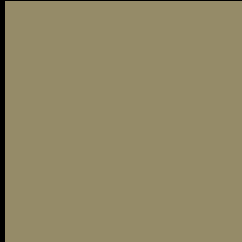
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1257, 25.8543, 16.8155 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 24.1257, 25.8543, 16.8155

Background



This preview shows how black text looks on a background with the XYZ color 24.1257, 25.8543, 16.8155.



This preview shows how white text looks on a background with the XYZ color 24.1257, 25.8543,

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

24.1257, 25.8543, 16.8155

Protanopia

24.1257, 25.8543, 16.8155

Deuteranopia

26.2472, 25.6875, 16.9394



Tritanopia

26.8856, 25.9338, 29.9743

Trichromacy



Original Color

24.1257, 25.8543, 16.8155

Protanomaly

24.1257, 25.8543, 16.8155

Deuteranomaly

25.5119, 25.7188, 16.9842

Tritanomaly

25.7155, 25.8687, 24.4067

Monochromacy



Original Color

24.1257, 25.8543, 16.8155

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.0097, 25.4341, 23.3825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1257, 25.8543, 16.8155 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(149, 139, 104)` looks like.

```
.text, #text, p{  
    color:rgb(149, 139, 104)  
}
```

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(149, 139, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 139, 104) }
```

Border

The CSS property to change the border of an element to XYZ 24.1257, 25.8543, 16.8155 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(149, 139, 104) }
```


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

```
.border{ border-color:rgb(149, 139, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 139, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 139, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 139, 104);  
box-shadow:4px 4px 4px 4px rgb(149, 139,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1257, 25.8543, 16.8155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 139, 104) }
```

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

```
.background{ background-color: rgb(149,  
139, 104) }
```

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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