

Converting Colors

XYZ(24.9280, 26.0038, 14.9782)

Have a look what the booklet for
XYZ(24.9280, 26.0038, 14.9782)
contains.

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Color

**XYZ(24.9564, 26.1079,
15.0333)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8A61
RGB	156, 138, 97
RGB Percent	61%, 54%, 38%
CMY	0.3882, 0.4588, 0.6196
CMYK	0.00, 0.12, 0.38, 0.39
HSL	42°, 23%, 50%
HSV	42°, 38%, 61%
XYZ	24.9564, 26.1079, 15.0333
YIQ	138.7080, 23.8890, -8.9350

Conversions

Conversions Part 2

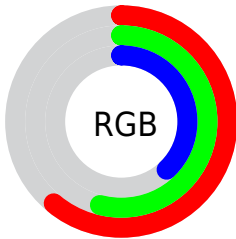
Format	Color
R_YB	123, 156, 97
Decimal	10259041
CIE Lab	58.14, 0.61, 24.46
CIE LCh	58, 24.464, 88.579
Yxy	26.1079, 0.3776, 0.3950
Android (android.graphics.Color)	4288449121 (0xFF9C8A61)
YUV	138.7080, -20.5620, 15.1651
Hunter-Lab	51.0959, -2.2343, 18.3230

Details

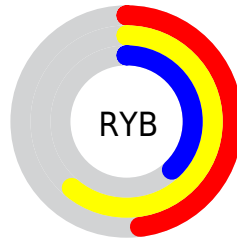
The XYZ color **24.9564, 26.1079, 15.0333** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.0611, 17.2026, 33.8736**, and the grayscale version is **24.4989, 25.7748, 28.0687**.

A 20% lighter version of the original color is **50.8401, 53.2486, 35.6154**, and **9.7744, 10.1528, 4.4621** is the 20% darker color. If you saturate the color by 10%, you get **23.6318, 24.5104, 11.3492**, and if you desaturate by 10%, it is **26.4553, 27.8248, 19.4818**.

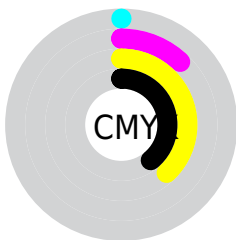
Distribution



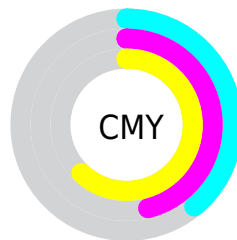
- Red (61%)
- Green (54%)
- Blue (38%)



- Red (48%)
- Yellow (61%)
- Blue (38%)



- Cyan (0%)
- Magenta (12%)
- Yellow (38%)
- Black (39%)



- Cyan (39%)
- Magenta (46%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9564, 26.1079, 15.0333 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 24.9564, 26.1079, 15.0333 by changing the saturation by 10% instead.

■ 24.9564, 26.1079,
15.0333

■ 24.9564, 26.1079,
15.0333

269.9724,
283.3113, 235.2154

■ 16.1731, 16.9044,
8.6959

■ 51.0299, 53.4490,
35.6547

■ 9.7384, 10.1663,
4.4493

■ 69.0508, 72.3553,
50.7758

■ 5.2868, 5.5094,
1.8749

■ 90.8817, 95.2647,
69.6618

■ 2.4530, 2.5491,
0.4767

■ 116.8878,
122.5615, 92.7314

■ 0.8716, 0.9012,
0.0000

147.4346,
154.6302, 120.4030

■ 0.0000, 0.0000,
0.0000

182.8874,

191.8552, 153.0951

223.6115,
234.6207, 191.2264

■ 24.9564, 26.1079,
15.0333

■ 24.9564, 26.1079,
15.0333

■ 23.6318, 24.5104,
11.3492

■ 26.4553, 27.8248,
19.4818

■ 22.4707, 23.0247,
8.3835

■ 28.1347, 29.6615,
24.7341

■ 21.4641, 21.6474,
6.0876

■ 30.0027, 31.6226,
30.8286

■ 20.6011, 20.3736,
4.4060

■ 32.0665, 33.7117,
37.8008

■ 19.8691, 19.1975,
3.2744

■ 34.3326, 35.9318,
45.6842

■ 19.2461, 18.1097,
2.5788

■ 36.8076, 38.2863,
54.5106

■ 19.1168, 17.8811,
2.4438

■ 39.4973, 40.7779,
64.3101

■ 42.4077, 43.4096,
75.1115

■ 45.5442, 46.1841,
86.9426

Harmonies

Analogous

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



27.9060, 26.1079, 16.6499



24.9564, 26.1079, 15.0333



22.1872, 26.1079, 16.3681

Triad

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



24.9564, 26.1079, 15.0333



20.1391, 26.1079, 36.9713



30.0027, 26.1079, 37.8131

Complementary

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



24.9564, 26.1079, 15.0333



17.0611, 17.2026, 33.8736

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.



27.6420, 26.1079, 45.3037



24.9564, 26.1079, 15.0333



21.9607, 26.1079, 44.7536

Square

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



24.9564, 26.1079, 15.0333



19.5424, 26.1079, 28.0242



24.6737, 26.1079, 48.0643



30.9591, 26.1079, 28.8338

Rectangle

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



24.9564, 26.1079, 15.0333



20.7819, 26.1079, 18.9385



24.6737, 26.1079, 48.0643



29.3382, 26.1079, 40.6501

Sweetspot

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



24.9571, 26.1091, 15.0338



53.3015, 56.1997, 52.0563



21.1191, 16.8712, 18.5703



11.6353, 12.2687, 11.1489



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.



24.9571, 26.1091, 15.0338



43.3628, 45.0619, 21.8000



25.7556, 30.6764, 15.8733



6.9993, 7.3786, 7.0410



15.7780, 14.7916, 2.0235



0.3174, 0.3351, 0.0480

Inverse Universe

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



17.0611, 17.2026, 33.8736



27.0141, 26.6325, 60.8435



16.4378, 14.1267, 33.3127



6.4415, 6.7488, 8.3698



5.8271, 3.7457, 26.3231



0.1390, 0.1367, 0.4823

Previews

White Background



This preview shows how the XYZ color 24.9564, 26.1079, 15.0333 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 24.9564, 26.1079, 15.0333 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 24.9564, 26.1079, 15.0333

Background



This preview shows how black text looks on a background with the XYZ color 24.9564, 26.1079, 15.0333.



This preview shows how white text looks on a background with the XYZ color 24.9564, 26.1079,

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

24.9564, 26.1079, 15.0333

Protanopia

24.3452, 26.2173, 15.3326

Deuteranopia

26.6661, 26.1475, 15.1968



Tritanopia

27.8317, 26.0326, 29.1491

Trichromacy



Original Color

24.9564, 26.1079, 15.0333

Protanomaly

24.5741, 26.1194, 15.3016

Deuteranomaly

25.9728, 25.9963, 15.2041

Tritanomaly

26.5891, 25.9275, 23.3418

Monochromacy



Original Color

24.9564, 26.1079, 15.0333

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.5478, 25.9402, 22.7819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9564, 26.1079, 15.0333 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, 138, 97)` looks like.

```
.text, #text, p{  
    color:rgb(156, 138, 97)  
}
```

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, 138, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 138, 97) }
```

Border

The CSS property to change the border of an element to XYZ 24.9564, 26.1079, 15.0333 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, 138, 97) }
```


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

```
.border{ border-color:rgb(156, 138, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 138, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 138, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 138, 97);  
box-shadow:4px 4px 4px 4px rgb(156, 138,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9564, 26.1079, 15.0333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 138, 97) }
```

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

```
.background{ background-color: rgb(156,  
138, 97) }
```

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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