

Converting Colors

XYZ(25.0140, 21.1029, 14.5594)

Have a look what the booklet for
XYZ(25.0140, 21.1029, 14.5594)
contains.

XYZ(24.9498, 21.0404, 14.5506)	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(24.9498, 21.0404,
14.5506)**

Conversions

Conversions Part 1

Format	Color
Hex	AC6F63
RGB	172, 111, 99
RGB Percent	67%, 44%, 39%
CMY	0.3255, 0.5647, 0.6118
CMYK	0.00, 0.35, 0.42, 0.33
HSL	10°, 31%, 53%
HSV	10°, 42%, 67%
XYZ	24.9498, 21.0404, 14.5506
YIQ	127.8710, 40.2080, 9.2000

Conversions

Conversions Part 2

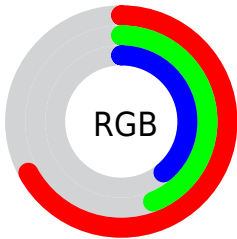
Format	Color
R_{YB}	172, 113, 99
Decimal	11300707
CIE Lab	52.99, 22.76, 16.70
CIE LCh	53, 28.230, 36.276
Yxy	21.0404, 0.4121, 0.3475
Android (android.graphics.Color)	4289490787 (0xFFAC6F63)
YUV	127.8710, -14.2334, 38.7011
Hunter-Lab	45.8698, 16.8187, 13.3012

Details

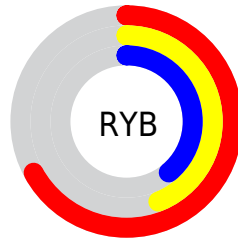
The XYZ color **24.9498, 21.0404, 14.5506** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.1621, 30.7714, 43.6429**, and the grayscale version is **20.5116, 21.5798, 23.5004**.

A 20% lighter version of the original color is **50.9153, 45.0544, 34.8670**, and **9.6786, 7.4751, 4.1815** is the 20% darker color. If you saturate the color by 10%, you get **22.7695, 17.8586, 10.1900**, and if you desaturate by 10%, it is **27.5586, 24.7990, 19.9185**.

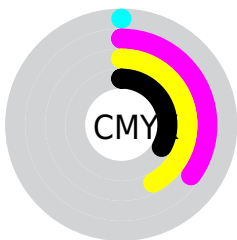
Distribution



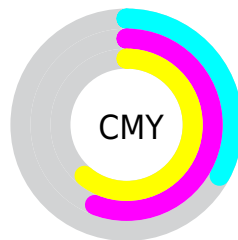
- Red (67%)
- Green (44%)
- Blue (39%)



- Red (67%)
- Yellow (44%)
- Blue (39%)



- Cyan (0%)
- Magenta (35%)
- Yellow (42%)
- Black (33%)





- Cyan (33%)
- Magenta (56%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9498, 21.0404, 14.5506 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 24.9498, 21.0404, 14.5506 by changing the saturation by 10% instead.


 24.9498, 21.0404,
14.5506


 24.9498, 21.0404,
14.5506


269.9401,
257.4931, 232.1761


 16.1682, 13.1535,
8.3615


 51.0193, 45.1548,
34.7939

 9.7348, 7.5344,
4.2360


 69.0378, 62.1510,
49.6852

 5.2844, 3.7985,
1.7557

 90.8661, 82.9526,
68.3143

 2.4516, 1.5615,
0.3985

 116.8693,
107.9438, 91.0998

 0.8709, 0.3314,
0.0000

147.4130,
137.5091, 118.4602

 0.0000, 0.0000,
0.0000

182.8625,

172.0328, 150.8140

223.5831,
211.8993, 188.5798

■ 24.9498, 21.0404,
14.5506

■ 24.9498, 21.0404,
14.5506

■ 22.7695, 17.8586,
10.1900

■ 27.5586, 24.7990,
19.9185

■ 20.9929, 15.2218,
6.7723

■ 30.6159, 29.1578,
26.3502

■ 19.5949, 13.1001,
4.2277

■ 34.1421, 34.1428,
33.8992

■ 18.5470, 11.4591,
2.4761

■ 38.1560, 39.7774,
42.6154

■ 17.8162, 10.2604,
1.4222

■ 42.6755, 46.0839,
52.5452

■ 17.4352, 9.6146,
0.9369

■ 47.7172, 53.0835,
63.7330

■ 53.2974, 60.7965,
76.2206

■ 59.4313, 69.2424,
90.0480

■ 66.1337, 78.4397,
105.2534

Harmonies

Analogous

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



26.2102, 21.0404, 21.1722



24.9498, 21.0404, 14.5506



22.3782, 21.0404, 10.9866

Triad

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



24.9498, 21.0404, 14.5506



15.2244, 21.0404, 16.9540



20.6274, 21.0404, 43.2471

Complementary

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



24.9498, 21.0404, 14.5506



25.1621, 30.7714, 43.6429

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.



17.7934, 21.0404, 41.3205



24.9498, 21.0404, 14.5506



14.8547, 21.0404, 24.7392

Square

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



24.9498, 21.0404, 14.5506



16.8143, 21.0404, 12.1157



15.7494, 21.0404, 33.9784



23.5607, 21.0404, 38.7344

Rectangle

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



24.9498, 21.0404, 14.5506



20.3704, 21.0404, 10.1837



15.7494, 21.0404, 33.9784



19.6307, 21.0404, 43.3439

Sweetspot

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



24.9503, 21.0414, 14.5510



61.4008, 61.1819, 60.3381



27.9125, 20.2695, 36.1825



13.0323, 12.8569, 12.4429



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



24.9503, 21.0414, 14.5510



41.4973, 32.6774, 18.8595



29.6138, 30.3683, 16.1055



8.1077, 8.2202, 8.3727



13.0027, 7.2110, 0.7065



0.3932, 0.2635, 0.0301

Inverse Universe

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



25.1621, 30.7714, 43.6429



41.9043, 52.6568, 78.7610



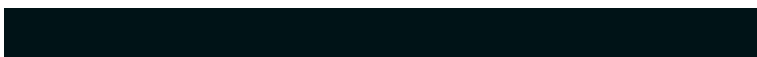
19.8689, 20.1849, 41.8784



8.1225, 8.8445, 10.2317



12.9652, 17.0642, 31.6549



0.3900, 0.5334, 0.8904

Previews

White Background



This preview shows how the XYZ color 24.9498, 21.0404, 14.5506 looks on a white background.

Color Contrast Check

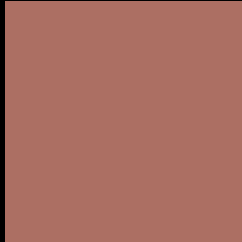
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9498, 21.0404, 14.5506 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 24.9498, 21.0404, 14.5506

Background



This preview shows how black text looks on a background with the XYZ color 24.9498, 21.0404, 14.5506.



This preview shows how white text looks on a background with the XYZ color 24.9498, 21.0404,

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

24.9498, 21.0404, 14.5506

Protanopia

20.0224, 21.2877, 16.6893

Deuteranopia

21.5116, 21.1717, 14.2620



Tritanopia

26.0290, 21.0081, 19.5127

Trichromacy



Original Color

24.9498, 21.0404, 14.5506

Protanomaly

21.4983, 20.9499, 15.7426

Deuteranomaly

22.5877, 21.0068, 14.4195

Tritanomaly

25.5167, 20.9473, 17.4502

Monochromacy



Original Color

24.9498, 21.0404, 14.5506

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.6720, 21.1327, 19.7664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9498, 21.0404, 14.5506 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(172, 111, 99)` looks like.

```
.text, #text, p{  
    color:rgb(172, 111, 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(172, 111, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 111, 99) }
```

Border

The CSS property to change the border of an element to XYZ 24.9498, 21.0404, 14.5506 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(172, 111, 99) }
```


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

```
.border{ border-color:rgb(172, 111, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 111, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 111, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 111, 99);  
box-shadow:4px 4px 4px 4px rgb(172, 111,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9498, 21.0404, 14.5506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 111, 99) }
```

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

```
.background{ background-color: rgb(172,  
111, 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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