

Converting Colors

XYZ(24.8988, 21.5164, 15.7072)

Have a look what the booklet for
XYZ(24.8988, 21.5164, 15.7072)
contains.

XYZ(24.8277, 21.4489, 15.6635)	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(24.8277, 21.4489,
15.6635)**

Conversions

Conversions Part 1

Format	Color
Hex	A97267
RGB	169, 114, 103
RGB Percent	66%, 45%, 40%
CMY	0.3373, 0.5529, 0.5961
CMYK	0.00, 0.33, 0.39, 0.34
HSL	10°, 28%, 53%
HSV	10°, 39%, 66%
XYZ	24.8277, 21.4489, 15.6635
YIQ	129.1910, 36.3110, 8.2390

Conversions

Conversions Part 2

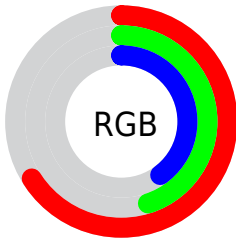
Format	Color
R_{YB}	169, 116, 103
Decimal	11104871
CIE Lab	53.44, 20.32, 14.92
CIE LCh	53, 25.214, 36.293
Yxy	21.4489, 0.4008, 0.3463
Android (android.graphics.Color)	4289294951 (0xFFA97267)
YUV	129.1910, -12.9122, 34.9125
Hunter-Lab	46.3130, 14.6436, 12.3666

Details

The XYZ color **24.8277, 21.4489, 15.6635** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.9814, 30.2008, 42.0489**, and the grayscale version is **20.9686, 22.0606, 24.0240**.

A 20% lighter version of the original color is **50.8330, 45.7743, 36.7280**, and **9.6743, 7.7110, 4.7198** is the 20% darker color. If you saturate the color by 10%, you get **22.5957, 18.2079, 11.1490**, and if you desaturate by 10%, it is **27.4769, 25.2497, 21.1633**.

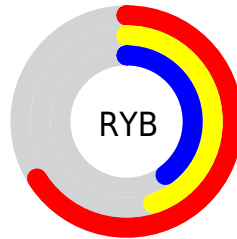
Distribution



Red (66%)

Green (45%)

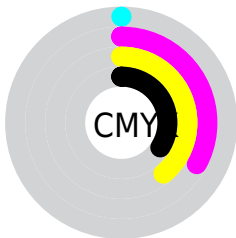
Blue (40%)



Red (66%)

Yellow (45%)

Blue (40%)

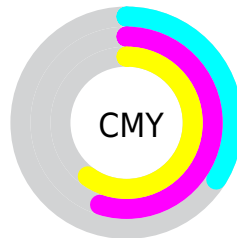


Cyan (0%)

Magenta (33%)

Yellow (39%)

Black (34%)



Cyan (34%)

Magenta (55%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.8277, 21.4489, 15.6635 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 24.8277, 21.4489, 15.6635 by changing the saturation by 10% instead.


 24.8277, 21.4489,
15.6635


 24.8277, 21.4489,
15.6635


269.3423,
259.6546, 239.1254


 16.0768, 13.4525,
9.1346


 50.8225, 45.8334,
36.7717


 9.6697, 7.7409,
4.7311


 68.7970, 62.9904,
52.1880

 5.2411, 3.9296,
2.0344

 90.5769, 83.9697,
71.4038

 2.4256, 1.6343,
0.5763

 116.5273,
109.1557, 94.8378

 0.8579, 0.3805,
0.0000

147.0137,
138.9328, 122.9084

 0.0000, 0.0000,
0.0000

182.4014,

173.6853, 156.0342

223.0558,
213.7978, 194.6336

■ 24.8277, 21.4489,
15.6635

■ 24.8277, 21.4489,
15.6635

■ 22.5957, 18.2079,
11.1490

■ 27.4769, 25.2497,
21.1633

■ 20.7576, 15.4972,
7.5602

■ 30.5615, 29.6319,
27.7010

■ 19.2905, 13.2891,
4.8328


■ 34.1008, 34.6197,
35.3265


■ 18.1683, 11.5522,
2.8937


■ 38.1124, 40.2350,
44.0865


■ 17.3611, 10.2515,
1.6577


■ 42.6128, 46.4988,
54.0247


 16.8229, 9.3425,
0.9626

 47.6179, 53.4307,
65.1828

 16.7816, 9.2739,
0.9055

 53.1427, 61.0499,
77.6001

 59.2017, 69.3745,
91.3144

 65.7925, 78.4157,
106.2758

Harmonies

Analogous

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



25.9487, 21.4489, 21.7738



24.8277, 21.4489, 15.6635



22.5290, 21.4489, 12.2813

Triad

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



24.8277, 21.4489, 15.6635



16.0235, 21.4489, 17.9096



20.9565, 21.4489, 41.3060

Complementary

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



24.8277, 21.4489, 15.6635



24.9814, 30.2008, 42.0489

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.



18.3844, 21.4489, 39.6379



24.8277, 21.4489, 15.6635



15.6821, 21.4489, 25.0093

Square

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



24.8277, 21.4489, 15.6635



17.4863, 21.4489, 13.3656



16.5093, 21.4489, 33.2226



23.5909, 21.4489, 37.3807

Rectangle

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



24.8277, 21.4489, 15.6635



20.7215, 21.4489, 11.5071



16.5093, 21.4489, 33.2226



20.0552, 21.4489, 41.3909

Sweetspot

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



24.8283, 21.4499, 15.6639



58.9783, 59.0576, 58.7335



27.3841, 20.6044, 34.8816



12.6824, 12.6293, 12.4294



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.8283, 21.4499, 15.6639



40.9137, 33.2613, 20.8566



29.2442, 30.2819, 17.1359



7.6284, 7.7369, 7.8806



12.5350, 6.9673, 0.6842



0.3336, 0.2268, 0.0262

Inverse Universe

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



24.9814, 30.2008, 42.0489



41.2065, 51.1546, 74.9271



20.0888, 20.4156, 40.4180



7.6395, 8.3160, 9.6208



12.4504, 16.3611, 30.4773



0.3303, 0.4528, 0.7506

Previews

White Background



This preview shows how the XYZ color 24.8277, 21.4489, 15.6635 looks on a white background.

Color Contrast Check

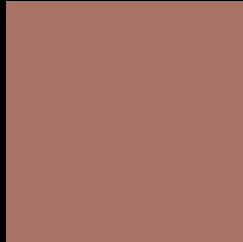
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8277, 21.4489, 15.6635 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 24.8277, 21.4489, 15.6635

Background



This preview shows how black text looks on a background with the XYZ color 24.8277, 21.4489, 15.6635.



This preview shows how white text looks on a background with the XYZ color 24.8277, 21.4489,

15.6635.

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

24.8277, 21.4489, 15.6635

Protanopia

20.5253, 21.7150, 17.8615

Deuteranopia

21.8263, 21.4951, 15.3105



Tritanopia

25.9789, 21.6023, 20.5697

Trichromacy



Original Color

24.8277, 21.4489, 15.6635

Protanomaly

21.7694, 21.4305, 16.8990

Deuteranomaly

22.8250, 21.4602, 15.5096

Tritanomaly

25.5200, 21.5712, 18.7382

Monochromacy



Original Color

24.8277, 21.4489, 15.6635

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.0994, 21.7007, 20.7932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8277, 21.4489, 15.6635 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(169, 114, 103)` looks like.

```
.text, #text, p{  
    color:rgb(169, 114, 103)  
}
```

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(169, 114, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 114, 103) }
```

Border

The CSS property to change the border of an element to XYZ 24.8277, 21.4489, 15.6635 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(169, 114, 103) }
```


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

```
.border{ border-color:rgb(169, 114, 103) }
```

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

Here you see how a box with a 4 pixel rgb(169, 114, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 114, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 114, 103);  
box-shadow:4px 4px 4px 4px rgb(169, 114,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8277, 21.4489, 15.6635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 114, 103) }
```

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

```
.background{ background-color: rgb(169,  
114, 103) }
```

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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