

Converting Colors

XYZ(24.4165, 25.9081, 21.1666)

Have a look what the booklet for
XYZ(24.4165, 25.9081, 21.1666)
contains.

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Color

**XYZ(24.4165, 25.9081,
21.1666)**

Conversions

Conversions Part 1

Format	Color
Hex	928B77
RGB	146, 139, 119
RGB Percent	57%, 55%, 47%
CMY	0.4274, 0.4549, 0.5333
CMYK	0.00, 0.05, 0.18, 0.43
HSL	44°, 11%, 52%
HSV	44°, 18%, 57%
XYZ	24.4165, 25.9081, 21.1666
YIQ	138.8130, 10.5920, -4.7360

Conversions

Conversions Part 2

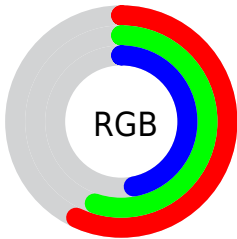
Format	Color
R_{YB}	128, 146, 119
Decimal	9603959
CIE Lab	57.95, -0.90, 11.64
CIE LCh	58, 11.676, 94.429
Yxy	25.9081, 0.3415, 0.3624
Android (android.graphics.Color)	4287794039 (0xFF928B77)
YUV	138.8130, -9.7678, 6.3030
Hunter-Lab	50.9000, -3.4494, 10.9744

Details

The XYZ color **24.4165, 25.9081, 21.1666** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.2569, 20.9187, 30.1646**, and the grayscale version is **24.5027, 25.7788, 28.0731**.

A 20% lighter version of the original color is **50.0197, 52.9189, 46.1061**, and **9.4290, 10.0326, 7.4008** is the 20% darker color. If you saturate the color by 10%, you get **23.0680, 24.5080, 16.7184**, and if you desaturate by 10%, it is **25.9201, 27.4023, 26.3317**.

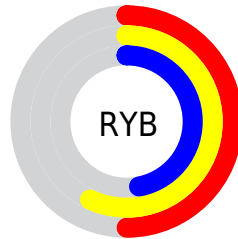
Distribution



Red (57%)

Green (55%)

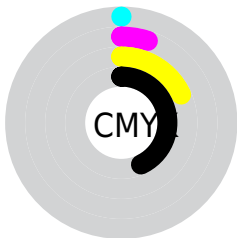
Blue (47%)



Red (50%)

Yellow (57%)

Blue (47%)

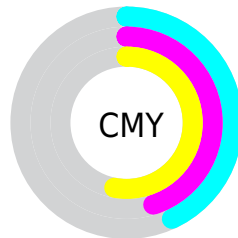


Cyan (0%)

Magenta (5%)

Yellow (18%)

Black (43%)



Cyan (43%)

Magenta (45%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4165, 25.9081, 21.1666 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 24.4165, 25.9081, 21.1666 by changing the saturation by 10% instead.

■ 24.4165, 25.9081,
21.1666

■ 24.4165, 25.9081,
21.1666

267.3210,
282.3307, 270.9726

■ 15.7693, 16.7549,
13.0534

■ 50.1588, 53.1267,
46.2490

■ 9.4508, 10.0599,
7.3342

■ 67.9845, 71.9608,
64.0553

■ 5.0959, 5.4387,
3.5904

■ 89.6005, 94.7907,
85.9298

■ 2.3389, 2.5069,
1.4034

115.3720,
122.0008, 112.2909

■ 0.8145, 0.8801,
0.1444

145.6645,
153.9754, 143.5571

■ 0.0000, 0.0000,
0.0000

180.8432,

191.0990, 180.1472

221.2736,
233.7560, 222.4795

■ 24.4165, 25.9081,
21.1666

■ 24.4165, 25.9081,
21.1666

■ 23.0680, 24.5080,
16.7184

■ 25.9201, 27.4023,
26.3317

■ 21.8662, 23.1958,
12.9532

■ 27.5826, 28.9899,
32.2424

■ 20.8049, 21.9695,
9.8367

■ 29.4104, 30.6745,
38.9278

■ 19.8769, 20.8259,
7.3309

■ 31.4087, 32.4586,
46.4148

■ 19.0740, 19.7615,
5.3939

■ 33.5825, 34.3443,
54.7292

■ 18.3869, 18.7722,
3.9785

■ 35.9368, 36.3341,
63.8956

■ 17.8052, 17.8535,
3.0298

■ 38.4761, 38.4299,
73.9374

■ 17.3064, 16.9962,
2.4316

■ 41.2049, 40.6339,
84.8774

■ 17.2339, 16.8704,
2.3480

■ 44.1274, 42.9480,
96.7373

Harmonies

Analogous

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



25.8115, 25.9081, 21.7802



24.4165, 25.9081, 21.1666



23.1264, 25.9081, 22.2877

Triad

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



24.4165, 25.9081, 21.1666



22.4596, 25.9081, 32.8221



27.1475, 25.9081, 31.6887

Complementary

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



24.4165, 25.9081, 21.1666



20.2569, 20.9187, 30.1646

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.



26.1868, 25.9081, 35.0970



24.4165, 25.9081, 21.1666



23.4752, 25.9081, 35.7939

Square

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



24.4165, 25.9081, 21.1666



22.0242, 25.9081, 28.8122



24.8344, 25.9081, 36.6634



27.4226, 25.9081, 27.6153

Rectangle

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



24.4165, 25.9081, 21.1666



22.4887, 25.9081, 23.9371



24.8344, 25.9081, 36.6634



26.8922, 25.9081, 32.9623

Sweetspot

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



24.4172, 25.9093, 21.1671



46.3951, 48.9891, 48.8033



22.2301, 20.8165, 22.6531



10.2857, 10.8640, 10.7322



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.4172, 25.9093, 21.1671



42.1016, 44.7102, 34.0913



24.3738, 27.4395, 21.4648



6.1395, 6.4928, 6.1701



15.1843, 14.8829, 2.0724



0.2097, 0.2299, 0.0333

Inverse Universe

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



20.2569, 20.9187, 30.1646



33.4363, 34.3164, 52.8350



20.2868, 19.6519, 29.9185



5.6144, 5.8629, 7.3055



5.1872, 3.0692, 24.2501



0.0846, 0.0797, 0.3038

Previews

White Background



This preview shows how the XYZ color 24.4165, 25.9081, 21.1666 looks on a white background.

Color Contrast Check

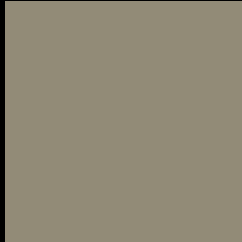
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4165, 25.9081, 21.1666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

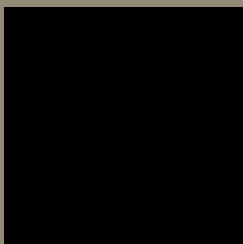
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

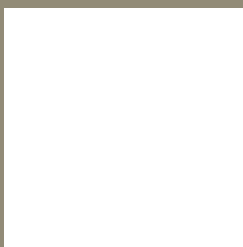
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4165, 25.9081, 21.1666

Background



This preview shows how black text looks on a background with the XYZ color 24.4165, 25.9081, 21.1666.



This preview shows how white text looks on a background with the XYZ color 24.4165, 25.9081,

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

24.4165, 25.9081, 21.1666

Protanopia

24.4165, 25.9081, 21.1666

Deuteranopia

26.4125, 25.8798, 21.3725



Tritanopia

26.4300, 25.8873, 30.7979

Trichromacy



Original Color

24.4165, 25.9081, 21.1666

Protanomaly

24.4165, 25.9081, 21.1666

Deuteranomaly

25.7119, 25.9329, 21.4197

Tritanomaly

25.6425, 25.7755, 26.9162

Monochromacy



Original Color

24.4165, 25.9081, 21.1666

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.5528, 25.8820, 25.5314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4165, 25.9081, 21.1666 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(146, 139, 119)` looks like.

```
.text, #text, p{  
    color:rgb(146, 139, 119)  
}
```

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(146, 139, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 139, 119) }
```

Border

The CSS property to change the border of an element to XYZ 24.4165, 25.9081, 21.1666 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(146, 139, 119) }
```


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

```
.border{ border-color:rgb(146, 139, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 139, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 139, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 139, 119);  
box-shadow:4px 4px 4px 4px rgb(146, 139,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4165, 25.9081, 21.1666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 139, 119) }
```

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

```
.background{ background-color: rgb(146,  
139, 119) }
```

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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