

Converting Colors

XYZ(24.4176, 25.9292, 20.2409)

Have a look what the booklet for
XYZ(24.4176, 25.9292, 20.2409)
contains.

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Color

**XYZ(24.4176, 25.9292,
20.2409)**

Conversions

Conversions Part 1

Format	Color
Hex	938B74
RGB	147, 139, 116
RGB Percent	58%, 55%, 45%
CMY	0.4235, 0.4549, 0.5451
CMYK	0.00, 0.05, 0.21, 0.42
HSL	45°, 13%, 52%
HSV	45°, 21%, 58%
XYZ	24.4176, 25.9292, 20.2409
YIQ	138.7700, 12.1510, -5.4570

Conversions

Conversions Part 2

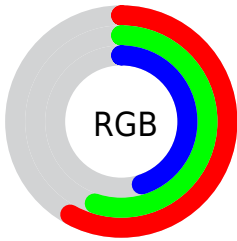
Format	Color
R_{YB}	127, 147, 116
Decimal	9669492
CIE Lab	57.97, -0.98, 13.39
CIE LCh	58, 13.426, 94.200
Yxy	25.9292, 0.3459, 0.3673
Android (android.graphics.Color)	4287859572 (0xFF938B74)
YUV	138.7700, -11.2256, 7.2177
Hunter-Lab	50.9207, -3.5166, 12.0768

Details

The XYZ color **24.4176, 25.9292, 20.2409** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.6765, 20.2344, 30.4725**, and the grayscale version is **24.4912, 25.7666, 28.0599**.

A 20% lighter version of the original color is **50.0049, 52.9439, 44.6294**, and **9.4396, 10.0489, 6.9110** is the 20% darker color. If you saturate the color by 10%, you get **23.0900, 24.5356, 15.9083**, and if you desaturate by 10%, it is **25.9010, 27.4173, 25.2937**.

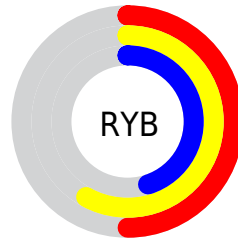
Distribution



Red (58%)

Green (55%)

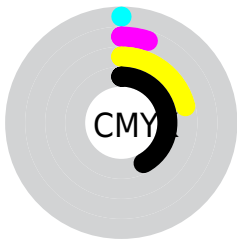
Blue (45%)



Red (50%)

Yellow (58%)

Blue (45%)

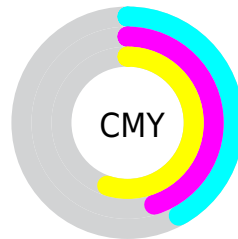


Cyan (0%)

Magenta (5%)

Yellow (21%)

Black (42%)



Cyan (42%)

Magenta (45%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4176, 25.9292, 20.2409 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 24.4176, 25.9292, 20.2409 by changing the saturation by 10% instead.

■ 24.4176, 25.9292,
20.2409

■ 24.4176, 25.9292,
20.2409

267.3264,
282.4344, 265.8635

■ 15.7701, 16.7707,
12.3845

■ 50.1605, 53.1607,
44.6850

■ 9.4514, 10.0711,
6.8804

■ 67.9867, 72.0025,
62.1097

■ 5.0962, 5.4461,
3.3101

■ 89.6031, 94.8408,
83.5609

■ 2.3392, 2.5113,
1.2551

115.3751,
122.0601, 109.4572

■ 0.8146, 0.8823,
0.0245

145.6681,
154.0447, 140.2170

■ 0.0000, 0.0000,
0.0000

180.8474,

191.1790, 176.2590

221.2784,
233.8474, 218.0017

■ 24.4176, 25.9292,
20.2409

■ 24.4176, 25.9292,
20.2409

■ 23.0900, 24.5356,
15.9083

■ 25.9010, 27.4173,
25.2937

■ 21.9095, 23.2302,
12.2608

■ 27.5443, 28.9993,
31.0963

■ 20.8698, 22.0110,
9.2626

■ 29.3538, 30.6788,
37.6787

■ 19.9633, 20.8746,
6.8743

■ 31.3350, 32.4584,
45.0688

■ 19.1813, 19.8172,
5.0519

■ 33.4932, 34.3404,
53.2930

■ 18.5143, 18.8348,
3.7458

■ 35.8333, 36.3272,
62.3767

■ 17.9509, 17.9223,
2.8974

■ 38.3601, 38.4208,
72.3440

■ 17.5098, 17.1574,
2.3888

■ 41.0781, 40.6234,
83.2181

■ 43.9917, 42.9370,
95.0214

Harmonies

Analogous

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



26.0249, 25.9292, 20.9416



24.4176, 25.9292, 20.2409



22.9360, 25.9292, 21.4813

Triad

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



24.4176, 25.9292, 20.2409



22.1586, 25.9292, 33.5468



27.5556, 25.9292, 32.2937

Complementary

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



24.4176, 25.9292, 20.2409



19.6765, 20.2344, 30.4725

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.



26.4367, 25.9292, 36.2679



24.4176, 25.9292, 20.2409



23.3146, 25.9292, 37.0451

Square

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



24.4176, 25.9292, 20.2409



21.6685, 25.9292, 28.8906



24.8737, 25.9292, 38.0914



27.8822, 25.9292, 27.5845

Rectangle

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



24.4176, 25.9292, 20.2409



22.2050, 25.9292, 23.3313



24.8737, 25.9292, 38.0914



27.2573, 25.9292, 33.7760

Sweetspot

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



24.4183, 25.9304, 20.2414



47.8093, 50.4854, 50.2848



21.9333, 20.1562, 21.8922



10.8753, 11.4876, 11.3431



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.



24.4183, 25.9304, 20.2414



42.6432, 45.3119, 32.6592



24.3622, 27.6838, 20.5828



6.1401, 6.4940, 6.1703



15.2006, 14.9156, 2.0778



0.2098, 0.2301, 0.0334

Inverse Universe

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



19.6765, 20.2344, 30.4725



32.6852, 33.3516, 54.1494



19.7140, 18.8259, 30.1986



5.6139, 5.8618, 7.3053



5.1822, 3.0593, 24.2484



0.0844, 0.0795, 0.3038

Previews

White Background



This preview shows how the XYZ color 24.4176, 25.9292, 20.2409 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 24.4176, 25.9292, 20.2409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

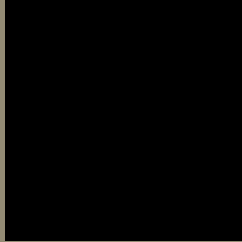
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

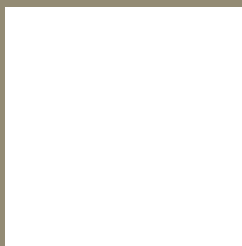
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4176, 25.9292, 20.2409

Background



This preview shows how black text looks on a background with the XYZ color 24.4176, 25.9292, 20.2409.



This preview shows how white text looks on a background with the XYZ color 24.4176, 25.9292,

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

24.4176, 25.9292, 20.2409

Protanopia

24.4176, 25.9292, 20.2409

Deuteranopia

26.4339, 25.9116, 20.4378



Tritanopia

26.5373, 25.9516, 30.3986

Trichromacy



Original Color

24.4176, 25.9292, 20.2409

Protanomaly

24.4176, 25.9292, 20.2409

Deuteranomaly

25.7253, 25.9606, 20.4846

Tritanomaly

25.6849, 25.8136, 26.1830

Monochromacy



Original Color

24.4176, 25.9292, 20.2409

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.4847, 25.8547, 25.1727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4176, 25.9292, 20.2409 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(147, 139, 116)` looks like.

```
.text, #text, p{  
    color:rgb(147, 139, 116)  
}
```

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(147, 139, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 139, 116) }
```

Border

The CSS property to change the border of an element to XYZ 24.4176, 25.9292, 20.2409 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(147, 139, 116) }
```


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

```
.border{ border-color:rgb(147, 139, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 139, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 139, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 139, 116);  
box-shadow:4px 4px 4px 4px rgb(147, 139,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4176, 25.9292, 20.2409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 139, 116) }
```

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

```
.background{ background-color: rgb(147,  
139, 116) }
```

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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