

Converting Colors

XYZ(23.5409, 22.9298, 17.4245)

Have a look what the booklet for
XYZ(23.5409, 22.9298, 17.4245)
contains.

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Color

**XYZ(23.4941, 22.8744,
17.3643)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7E6C
RGB	154, 126, 108
RGB Percent	60%, 49%, 42%
CMY	0.3961, 0.5059, 0.5765
CMYK	0.00, 0.18, 0.30, 0.40
HSL	23°, 19%, 51%
HSV	23°, 30%, 60%
XYZ	23.4941, 22.8744, 17.3643
YIQ	132.3200, 22.4660, 0.3380

Conversions

Conversions Part 2

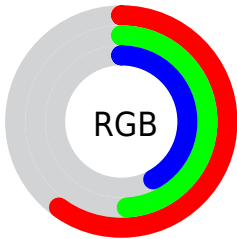
Format	Color
RYB	154, 138, 108
Decimal	10124908
CIELab	54.94, 8.01, 13.86
CIELCh	55, 16.003, 59.984
Yxy	22.8744, 0.3686, 0.3589
Android (android.graphics.Color)	4288314988 (0xFF9A7E6C)
YUV	132.3200, -11.9898, 19.0134
Hunter-Lab	47.8272, 3.9868, 11.9530

Details

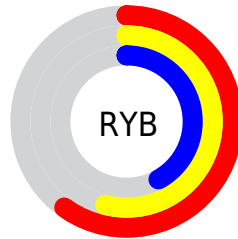
The XYZ color **23.4941, 22.8744, 17.3643** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.8212, 23.1291, 33.9391**, and the grayscale version is **22.0844, 23.2345, 25.3024**.

A 20% lighter version of the original color is **48.6726, 48.2987, 39.5581**, and **8.9757, 8.4695, 5.5766** is the 20% darker color. If you saturate the color by 10%, you get **21.6030, 20.2900, 13.0413**, and if you desaturate by 10%, it is **25.6435, 25.7435, 22.4883**.

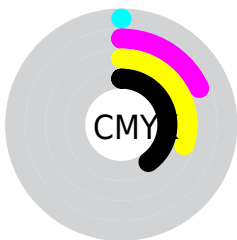
Distribution



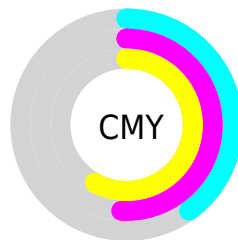
- Red (60%)
- Green (49%)
- Blue (42%)



- Red (60%)
- Yellow (54%)
- Blue (42%)



- Cyan (0%)
- Magenta (18%)
- Yellow (30%)
- Black (40%)



- Cyan (40%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4941, 22.8744, 17.3643 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 23.4941, 22.8744, 17.3643 by changing the saturation by 10% instead.

■ 23.4941, 22.8744,
17.3643

■ 23.4941, 22.8744,
17.3643

262.7409,
267.0792, 249.3777

■ 15.0815, 14.5008,
10.3299

■ 48.6641, 48.1870,
39.7503

■ 8.9633, 8.4698,
5.5098

■ 66.1521, 65.8948,
55.9389

■ 4.7742, 4.3970,
2.4854

■ 87.3961, 87.4828,
76.0160

■ 2.1488, 1.8980,
0.8324

■ 112.7612,
113.3353, 100.4002

■ 0.7155, 0.5472,
0.0000

142.6129,
143.8369, 129.5098

■ 0.0000, 0.0000,
0.0000

177.3165,

179.3718, 163.7636

217.2374,
220.3244, 203.5801

■ 23.4941, 22.8744,
17.3643

■ 23.4941, 22.8744,
17.3643

■ 21.6030, 20.2900,
13.0413

■ 25.6435, 25.7435,
22.4883

■ 19.9578, 17.9779,
9.4766

■ 28.0594, 28.9028,
28.4499

■ 18.5475, 15.9295,
6.6260

■ 30.7519, 32.3616,
35.2855

■ 17.3595, 14.1342,
4.4396

■ 33.7300, 36.1281,
43.0285

■ 16.3799, 12.5810,
2.8614

■ 37.0021, 40.2098,
51.7108

■ 15.5926, 11.2573,
1.8258

■ 40.5764, 44.6141,
61.3627

■ 14.9641, 10.1435,
1.1750

■ 44.4608, 49.3481,
72.0131

■ 14.9566, 10.1302,
1.1670

■ 48.6627, 54.4187,
83.6898

■ 53.1895, 59.8326,
96.4192

Harmonies

Analogous

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



24.8341, 22.8744, 20.3333



23.4941, 22.8744, 17.3643



21.7424, 22.8744, 16.3537

Triad

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



23.4941, 22.8744, 17.3643



18.5035, 22.8744, 24.9035



23.4923, 22.8744, 34.3697

Complementary

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



23.4941, 22.8744, 17.3643



20.8212, 23.1291, 33.9391

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.



21.7405, 22.8744, 36.0170



23.4941, 22.8744, 17.3643



18.9168, 22.8744, 30.1183

Square

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



23.4941, 22.8744, 17.3643



18.9177, 22.8744, 20.3291



20.0782, 22.8744, 34.3663



24.8330, 22.8744, 30.1238

Rectangle

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



23.4941, 22.8744, 17.3643



20.5956, 22.8744, 16.8024



20.0782, 22.8744, 34.3663



22.9290, 22.8744, 35.2696

Sweetspot

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



23.4947, 22.8755, 17.3648



51.2926, 52.9192, 52.4853



23.1593, 19.3835, 25.9505



11.4660, 11.7916, 11.5195



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.



23.4947, 22.8755, 17.3648



40.2758, 38.2822, 26.0102



26.7230, 29.3321, 18.4409



6.3972, 6.5994, 6.5425



12.2183, 8.3190, 0.9618



0.2165, 0.1920, 0.0256

Inverse Universe

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



20.8212, 23.1291, 33.9391



34.5945, 38.8128, 61.2046



17.9635, 17.4138, 32.9865



6.1815, 6.6204, 7.8810



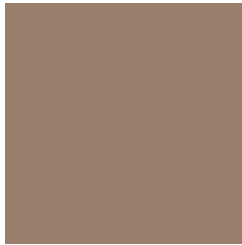
8.0291, 8.4549, 26.1165



0.1553, 0.1969, 0.4022

Previews

White Background



This preview shows how the XYZ color 23.4941, 22.8744, 17.3643 looks on a white background.

Color Contrast Check

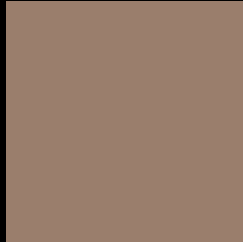
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4941, 22.8744, 17.3643 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 23.4941, 22.8744, 17.3643

Background



This preview shows how black text looks on a background with the XYZ color 23.4941, 22.8744, 17.3643.



This preview shows how white text looks on a background with the XYZ color 23.4941, 22.8744,

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

23.4941, 22.8744, 17.3643

Protanopia

21.6330, 22.8693, 18.3130

Deuteranopia

23.4330, 23.0338, 17.3983



Tritanopia

25.1524, 23.0000, 24.9436

Trichromacy



Original Color

23.4941, 22.8744, 17.3643

Protanomaly

22.1663, 22.7556, 17.9758

Deuteranomaly

23.4330, 23.0338, 17.3983

Tritanomaly

24.4931, 22.9133, 21.8707

Monochromacy



Original Color

23.4941, 22.8744, 17.3643

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.3730, 22.9708, 21.9935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4941, 22.8744, 17.3643 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(154, 126, 108)` looks like.

```
.text, #text, p{  
    color:rgb(154, 126, 108)  
}
```

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(154, 126, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 126, 108) }
```

Border

The CSS property to change the border of an element to XYZ 23.4941, 22.8744, 17.3643 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(154, 126, 108) }
```


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

```
.border{ border-color:rgb(154, 126, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 126, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 126, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 126, 108);  
box-shadow:4px 4px 4px 4px rgb(154, 126,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4941, 22.8744, 17.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 126, 108) }
```

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

```
.background{ background-color: rgb(154,  
126, 108) }
```

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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