

Converting Colors

XYZ(19.5689, 22.9298, 15.0493)

Have a look what the booklet for
XYZ(19.5689, 22.9298, 15.0493)
contains.

XYZ(19.4662, 22.8501, 14.9398)	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(19.4662, 22.8501,
14.9398)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8862
RGB	125, 136, 98
RGB Percent	49%, 53%, 38%
CMY	0.5098, 0.4667, 0.6157
CMYK	0.08, 0.00, 0.28, 0.47
HSL	77°, 16%, 46%
HSV	77°, 28%, 53%
XYZ	19.4662, 22.8501, 14.9398
YIQ	128.3790, 5.6420, -14.1500

Conversions

Conversions Part 2

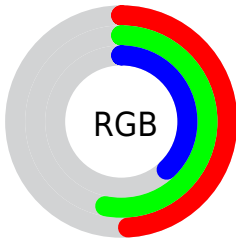
Format	Color
RYB	98, 136, 109
Decimal	8226914
CIELab	54.92, -10.95, 19.12
CIELCh	55, 22.032, 119.813
Yxy	22.8501, 0.3400, 0.3991
Android (android.graphics.Color)	4286416994 (0xFF7D8862)
YUV	128.3790, -14.9768, -2.9634
Hunter-Lab	47.8018, -10.9630, 14.9310

Details

The XYZ color **19.4662, 22.8501, 14.9398** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.1192, 13.7647, 25.1538**, and the grayscale version is **20.6991, 21.7770, 23.7152**.

A 20% lighter version of the original color is **41.9825, 48.0301, 35.4918**, and **6.9058, 8.4311, 4.3954** is the 20% darker color. If you saturate the color by 10%, you get **18.3145, 22.3251, 11.8140**, and if you desaturate by 10%, it is **20.7510, 23.4325, 18.6424**.

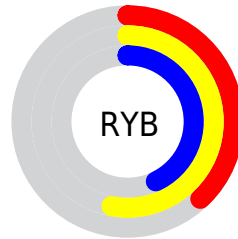
Distribution



Red (49%)

Green (53%)

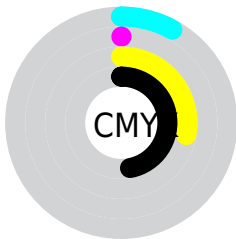
Blue (38%)



Red (38%)

Yellow (53%)

Blue (43%)

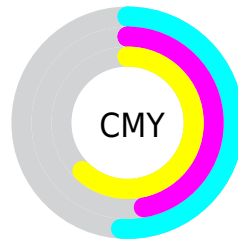


Cyan (8%)

Magenta (0%)

Yellow (28%)

Black (47%)



Cyan (51%)

Magenta (47%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4662, 22.8501, 14.9398 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 19.4662, 22.8501, 14.9398 by changing the saturation by 10% instead.

■ 19.4662, 22.8501,
14.9398

■ 19.4662, 22.8501,
14.9398

241.8995,
266.9541, 234.6298

■ 12.1136, 14.4829,
8.6310

■ 42.0312, 48.1471,
35.4883

■ 6.8939, 8.4573,
4.4078

■ 57.9743, 65.8456,
50.5652

■ 3.4415, 4.3889,
1.8516

■ 77.5117, 87.4233,
69.4017

■ 1.3913, 1.8934,
0.4617

■ 101.0087,
113.2647, 92.4166

■ 0.2500, 0.5444,
0.0000

128.8306,
143.7541, 120.0283

■ 0.0000, 0.0000,
0.0000

161.3428,

179.2758, 152.6554

198.9106,
220.2144, 190.7163

■ 19.4662, 22.8501,
14.9398

■ 19.4662, 22.8501,
14.9398

■ 18.3145, 22.3251,
11.8140

■ 20.7510, 23.4325,
18.6424

■ 17.2885, 21.8522,
9.2344

■ 22.1725, 24.0715,
22.9474

■ 16.3823, 21.4298,
7.1701

■ 23.7364, 24.7702,
27.8805

■ 15.5892, 21.0551,
5.5861

■ 25.4474, 25.5304,
33.4656

■ 14.9013, 20.7251,
4.4432

■ 27.3102, 26.3541,
39.7252

■ 14.3099, 20.4362,
3.6964

■ 29.3289, 27.2429,
46.6810

■ 13.7963, 20.1808,
3.2485

■ 31.5078, 28.1986,
54.3535

■ 13.6946, 20.1301,
3.1637

■ 33.8509, 29.2228,
62.7623

■ 36.3619, 30.3170,
71.9265

Harmonies

Analogous

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



21.7337, 22.8501, 13.7084



19.4662, 22.8501, 14.9398



17.9067, 22.8501, 18.7114

Triad

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



19.4662, 22.8501, 14.9398



19.4415, 22.8501, 38.4102



26.7611, 22.8501, 24.9238

Complementary

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



19.4662, 22.8501, 14.9398



15.1192, 13.7647, 25.1538

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.



26.0358, 22.8501, 32.2738



19.4662, 22.8501, 14.9398



21.7030, 22.8501, 40.8983

Square

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



19.4662, 22.8501, 14.9398



17.8932, 22.8501, 32.1835



24.1378, 22.8501, 38.4688



26.0531, 22.8501, 18.7743

Rectangle

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



19.4662, 22.8501, 14.9398



17.4163, 22.8501, 22.5762



24.1378, 22.8501, 38.4688



26.6761, 22.8501, 27.3351

Sweetspot

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



19.4668, 22.8511, 14.9403



39.0116, 42.3917, 40.2500



17.8025, 17.0043, 13.8995



8.9526, 9.7806, 9.0685



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



19.4668, 22.8511, 14.9403



32.9000, 39.6280, 22.4767



16.9811, 21.5697, 14.8240



5.2924, 5.7735, 5.3878



12.9703, 19.0564, 2.9947



0.1007, 0.1341, 0.0206

Inverse Universe

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



15.1192, 13.7647, 25.1538



23.8353, 20.6758, 43.7829



17.6794, 15.0846, 25.2736



4.9019, 4.9578, 6.3044



5.0199, 2.1020, 22.1868



0.0464, 0.0207, 0.1480

Previews

White Background



This preview shows how the XYZ color 19.4662, 22.8501, 14.9398 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 19.4662, 22.8501, 14.9398 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

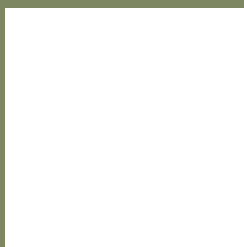
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4662, 22.8501, 14.9398

Background



This preview shows how black text looks on a background with the XYZ color 19.4662, 22.8501, 14.9398.



This preview shows how white text looks on a background with the XYZ color 19.4662, 22.8501,

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

19.4662, 22.8501, 14.9398

Protanopia

21.2121, 22.7398, 14.3376

Deuteranopia

23.0875, 22.7118, 15.2236



Tritanopia

22.1504, 22.7136, 28.4160

Trichromacy



Original Color

19.4662, 22.8501, 14.9398

Protanomaly

20.5369, 22.7890, 14.6256

Deuteranomaly

21.5625, 22.7058, 15.0506

Tritanomaly

21.0062, 22.6503, 22.6668

Monochromacy



Original Color

19.4662, 22.8501, 14.9398

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.0796, 22.0290, 20.0233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4662, 22.8501, 14.9398 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(125, 136, 98)` looks like.

```
.text, #text, p{  
    color:rgb(125, 136, 98)  
}
```

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(125, 136, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 136, 98) }
```

Border

The CSS property to change the border of an element to XYZ 19.4662, 22.8501, 14.9398 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(125, 136, 98) }
```


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

```
.border{ border-color:rgb(125, 136, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 136, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 136, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 136, 98);  
box-shadow:4px 4px 4px 4px rgb(125, 136,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4662, 22.8501, 14.9398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 136, 98) }
```

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

```
.background{ background-color: rgb(125,  
136, 98) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor