

Converting Colors

XYZ(19.5117, 22.5277, 9.2551)

Have a look what the booklet for
XYZ(19.5117, 22.5277, 9.2551)
contains.

XYZ(19.4939, 22.5735, 9.2909)	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(19.4939, 22.5735,
9.2909)**

Conversions

Conversions Part 1

Format	Color
Hex	868647
RGB	134, 134, 71
RGB Percent	53%, 53%, 28%
CMY	0.4745, 0.4745, 0.7216
CMYK	0.00, 0.00, 0.47, 0.47
HSL	60°, 31%, 40%
HSV	60°, 47%, 53%
XYZ	19.4939, 22.5735, 9.2909
YIQ	126.8180, 20.2230, -19.5930

Conversions

Conversions Part 2

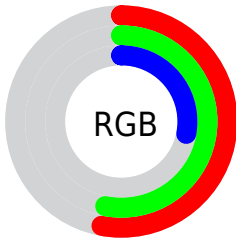
Format	Color
RYB	71, 134, 71
Decimal	8816199
CIELab	54.63, -9.58, 33.73
CIELCh	55, 35.059, 105.851
Yxy	22.5735, 0.3796, 0.4395
Android (android.graphics.Color)	4287006279 (0xFF868647)
YUV	126.8180, -27.5183, 6.2986
Hunter-Lab	47.5116, -9.9071, 21.6639

Details

The XYZ color **19.4939, 22.5735, 9.2909** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **9.1557, 7.5679, 23.5339**, and the grayscale version is **20.1974, 21.2492, 23.1404**.

A 20% lighter version of the original color is **41.9606, 47.6125, 25.0677**, and **6.9806, 8.4019, 2.1180** is the 20% darker color. If you saturate the color by 10%, you get **19.1105, 22.4209, 7.2705**, and if you desaturate by 10%, it is **19.9733, 22.7661, 11.8119**.

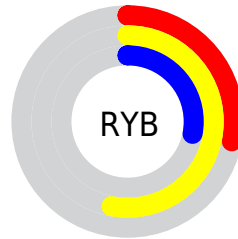
Distribution



Red (53%)

Green (53%)

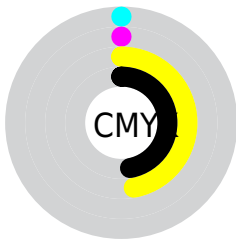
Blue (28%)



Red (28%)

Yellow (53%)

Blue (28%)

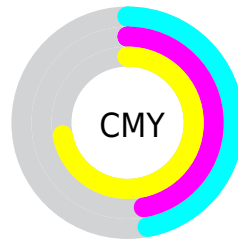


Cyan (0%)

Magenta (0%)

Yellow (47%)

Black (47%)



Cyan (47%)

Magenta (47%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4939, 22.5735, 9.2909 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 19.4939, 22.5735, 9.2909 by changing the saturation by 10% instead.

■ 19.4939, 22.5735,
9.2909

■ 19.4939, 22.5735,
9.2909

242.0481,
265.5268, 195.8307

■ 12.1338, 14.2789,
4.8320

■ 42.0775, 47.6921,
25.0395

■ 6.9077, 8.3149,
2.0920

■ 58.0317, 65.2848,
37.1664

■ 3.4503, 4.2971,
0.6110

■ 77.5813, 86.7457,
52.6863

■ 1.3961, 1.8411,
0.0000

■ 101.0917,
112.4592, 72.0178

■ 0.2535, 0.5126,
0.0000

■ 128.9282,
142.8097, 95.5794

■ 0.0000, 0.0000,
0.0000

161.4562,

178.1815, 123.7898

199.0411,
218.9591, 157.0674

■ 19.4939, 22.5735,
9.2909

■ 19.4939, 22.5735,
9.2909

■ 19.1105, 22.4209,
7.2705

■ 19.9733, 22.7661,
11.8119

■ 18.8152, 22.3028,
5.7159

■ 20.5527, 22.9979,
14.8622

■ 18.6013, 22.2172,
4.5905

■ 21.2380, 23.2720,
18.4701

■ 18.4608, 22.1610,
3.8514

■ 22.0341, 23.5905,
22.6615

■ 18.3782, 22.1279,
3.4173

■ 22.9456, 23.9551,
27.4606

■ 18.3562, 22.1191,
3.3019

■ 23.9768, 24.3676,
32.8902

■ 25.1319, 24.8296,
38.9721

■ 26.4148, 25.3428,
45.7268

■ 27.8292, 25.9086,
53.1743

Harmonies

Analogous

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



23.3189, 22.5735, 9.2059



19.4939, 22.5735, 9.2909



16.5642, 22.5735, 12.5592

Triad

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



19.4939, 22.5735, 9.2909



16.6955, 22.5735, 43.1740



29.4755, 22.5735, 30.1419

Complementary

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



19.4939, 22.5735, 9.2909



9.1557, 7.5679, 23.5339

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.



27.2256, 22.5735, 42.5285



19.4939, 22.5735, 9.2909



19.6940, 22.5735, 51.4445

Square

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



19.4939, 22.5735, 9.2909



15.0856, 22.5735, 30.8447



23.5443, 22.5735, 51.1781



29.4051, 22.5735, 19.2245

Rectangle

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



19.4939, 22.5735, 9.2909



15.3776, 22.5735, 16.8765



23.5443, 22.5735, 51.1781



28.9548, 22.5735, 34.3269

Sweetspot

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



19.4944, 22.5745, 9.2914



37.7769, 41.1444, 34.4363



13.2229, 10.0303, 7.2006



8.4548, 9.2471, 7.4635



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



19.4944, 22.5745, 9.2914



33.6558, 39.4958, 12.7412



15.1997, 20.3605, 9.0904



5.0397, 5.4230, 5.0105



17.2014, 20.7276, 3.0942



0.0596, 0.0718, 0.0107

Inverse Universe

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



9.1557, 7.5679, 23.5339



13.1911, 9.7914, 40.9331



12.0934, 9.0823, 23.6714



4.4345, 4.5446, 5.8442



4.0327, 1.6131, 21.2355



0.0140, 0.0056, 0.0736

Previews

White Background



This preview shows how the XYZ color 19.4939, 22.5735, 9.2909 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 19.4939, 22.5735, 9.2909 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

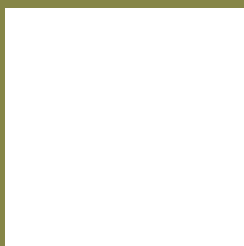
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4939, 22.5735, 9.2909

Background



This preview shows how black text looks on a background with the XYZ color 19.4939, 22.5735, 9.2909.



This preview shows how white text looks on a background with the XYZ color 19.4939, 22.5735,

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

19.4939, 22.5735, 9.2909

Protanopia

20.7234, 22.6041, 9.0651

Deuteranopia

22.8343, 22.5192, 9.4465



Tritanopia

23.0892, 22.6476, 26.8214

Trichromacy



Original Color

19.4939, 22.5735, 9.2909

Protanomaly

20.1720, 22.5202, 9.0780

Deuteranomaly

21.4665, 22.3903, 9.3212

Tritanomaly

21.4445, 22.5608, 18.8472

Monochromacy



Original Color

19.4939, 22.5735, 9.2909

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.8424, 21.7726, 17.0666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4939, 22.5735, 9.2909 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(134, 134, 71)` looks like.

```
.text, #text, p{  
    color:rgb(134, 134, 71)  
}
```

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(134, 134, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 134, 71) }
```

Border

The CSS property to change the border of an element to XYZ 19.4939, 22.5735, 9.2909 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(134, 134, 71) }
```


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

```
.border{ border-color:rgb(134, 134, 71) }
```

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

Here you see how a box with a 4 pixel rgb(134, 134, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 134, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 134, 71);  
box-shadow:4px 4px 4px 4px rgb(134, 134,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4939, 22.5735, 9.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 134, 71) }
```

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

```
.background{ background-color: rgb(134,  
134, 71) }
```

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