

Converting Colors

XYZ(22.6338, 22.6876, 11.6419)

Have a look what the booklet for
XYZ(22.6338, 22.6876, 11.6419)
contains.

XYZ(22.7072, 22.7874, 11.5891)	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(22.7072, 22.7874,
11.5891)**

Conversions

Conversions Part 1

Format	Color
Hex	9B7F54
RGB	155, 127, 84
RGB Percent	61%, 50%, 33%
CMY	0.3922, 0.5019, 0.6706
CMYK	0.00, 0.18, 0.46, 0.39
HSL	36°, 30%, 47%
HSV	36°, 46%, 61%
XYZ	22.7072, 22.7874, 11.5891
YIQ	130.4700, 30.4910, -7.4370

Conversions

Conversions Part 2

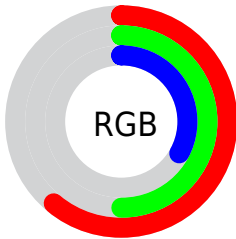
Format	Color
RYB	130, 155, 84
Decimal	10190676
CIELab	54.85, 4.85, 27.38
CIELCh	55, 27.804, 79.953
Yxy	22.7874, 0.3978, 0.3992
Android (android.graphics.Color)	4288380756 (0xFF9B7F54)
YUV	130.4700, -22.9097, 21.5128
Hunter-Lab	47.7361, 1.3709, 19.0212

Details

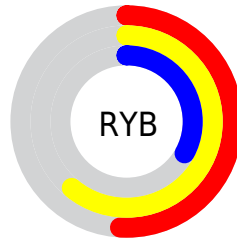
The XYZ color **22.7072, 22.7874, 11.5891** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.3665, 15.8392, 33.2577**, and the grayscale version is **21.4564, 22.5738, 24.5829**.

A 20% lighter version of the original color is **47.4883, 48.2126, 29.3573**, and **8.5537, 8.4135, 3.0069** is the 20% darker color. If you saturate the color by 10%, you get **21.4006, 21.0406, 8.4827**, and if you desaturate by 10%, it is **24.1972, 24.6859, 15.4199**.

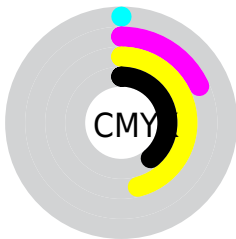
Distribution



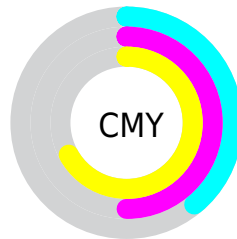
- Red (61%)
- Green (50%)
- Blue (33%)



- Red (51%)
- Yellow (61%)
- Blue (33%)



- Cyan (0%)
- Magenta (18%)
- Yellow (46%)
- Black (39%)



- Cyan (39%)
- Magenta (50%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7072, 22.7874, 11.5891 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 22.7072, 22.7874, 11.5891 by changing the saturation by 10% instead.

■ 22.7072, 22.7874,
11.5891

■ 22.7072, 22.7874,
11.5891

258.7810,
266.6312, 212.5462

■ 14.4970, 14.4366,
6.3454

■ 47.3823, 48.0440,
29.3976

■ 8.5511, 8.4250,
2.9841

■ 64.5779, 65.7186,
42.7995

■ 4.5043, 4.3680,
1.0865

■ 85.4993, 87.2699,
59.7579

■ 1.9912, 1.8815,
0.0000

■ 110.5119,
113.0824, 80.6913

■ 0.6290, 0.5372,
0.0000

■ 139.9810,
143.5403, 106.0183

■ 0.0000, 0.0000,
0.0000

174.2720,

179.0282, 136.1575

213.7502,
219.9303, 171.5272

■ 22.7072, 22.7874,
11.5891

■ 22.7072, 22.7874,
11.5891

■ 21.4006, 21.0406,
8.4827

■ 24.1972, 24.6859,
15.4199

■ 20.2659, 19.4370,
6.0519

■ 25.8778, 26.7377,
20.0170

■ 19.2928, 17.9720,
4.2439

■ 27.7580, 28.9486,
25.4206

■ 18.4687, 16.6390,
2.9974

■ 29.8454, 31.3228,
31.6676

■ 17.7767, 15.4299,
2.2280

■ 32.1475, 33.8646,
38.7926

■ 17.5097, 14.9528,
1.9633

■ 34.6710, 36.5779,
46.8285

■ 37.4226, 39.4664,
55.8063

■ 40.4085, 42.5339,
65.7555

■ 43.6348, 45.7839,
76.7043

Harmonies

Analogous

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



25.6922, 22.7874, 13.9709



22.7072, 22.7874, 11.5891



19.7021, 22.7874, 12.0509

Triad

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



22.7072, 22.7874, 11.5891



16.5606, 22.7874, 31.0536



26.5101, 22.7874, 37.3863

Complementary

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



22.7072, 22.7874, 11.5891



15.3665, 15.8392, 33.2577

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.



23.7408, 22.7874, 44.3862



22.7072, 22.7874, 11.5891



18.0712, 22.7874, 40.1716

Square

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



22.7072, 22.7874, 11.5891



16.3405, 22.7874, 21.9719



20.6431, 22.7874, 45.5114



28.0213, 22.7874, 27.8860

Rectangle

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



22.7072, 22.7874, 11.5891



18.0778, 22.7874, 13.9588



20.6431, 22.7874, 45.5114



25.6839, 22.7874, 40.1962

Sweetspot

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



22.7078, 22.7885, 11.5896



50.2601, 52.4763, 47.1405



19.6350, 14.4882, 17.2081



11.2126, 11.6890, 10.1889



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.



22.7078, 22.7885, 11.5896



38.2680, 37.6015, 15.0600



25.5163, 30.3694, 12.9048



6.5043, 6.8137, 6.5782



14.1017, 12.0859, 1.5896



0.2461, 0.2513, 0.0355

Inverse Universe

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



15.3665, 15.8392, 33.2577



23.4483, 23.5896, 58.8537



13.4112, 10.9367, 32.4145



6.0743, 6.4060, 7.8453



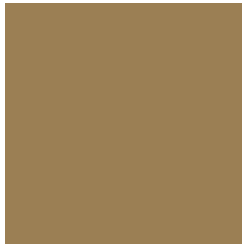
6.1327, 4.6621, 25.4843



0.1256, 0.1376, 0.3923

Previews

White Background



This preview shows how the XYZ color 22.7072, 22.7874, 11.5891 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 22.7072, 22.7874, 11.5891 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 22.7072, 22.7874, 11.5891

Background



This preview shows how black text looks on a background with the XYZ color 22.7072, 22.7874, 11.5891.



This preview shows how white text looks on a background with the XYZ color 22.7072, 22.7874,

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

22.7072, 22.7874, 11.5891

Protanopia

21.1237, 22.7441, 12.0808

Deuteranopia

23.1616, 22.8309, 11.5736



Tritanopia

25.2322, 22.6844, 24.5214

Trichromacy



Original Color

22.7072, 22.7874, 11.5891

Protanomaly

21.6549, 22.8242, 11.8585

Deuteranomaly

22.9657, 22.7299, 11.5644

Tritanomaly

24.2208, 22.6499, 19.0149

Monochromacy



Original Color

22.7072, 22.7874, 11.5891

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.4784, 22.3817, 18.8109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7072, 22.7874, 11.5891 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(155, 127, 84)` looks like.

```
.text, #text, p{  
    color:rgb(155, 127, 84)  
}
```

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(155, 127, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 127, 84) }
```

Border

The CSS property to change the border of an element to XYZ 22.7072, 22.7874, 11.5891 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(155, 127, 84) }
```


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

```
.border{ border-color:rgb(155, 127, 84) }
```

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

Here you see how a box with a 4 pixel rgb(155, 127, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 127, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 127, 84);  
box-shadow:4px 4px 4px 4px rgb(155, 127,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7072, 22.7874, 11.5891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 127, 84) }
```

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

```
.background{ background-color: rgb(155,  
127, 84) }
```

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