

Converting Colors

XYZ(27.0225, 29.8824, 22.2815)

Have a look what the booklet for
XYZ(27.0225, 29.8824, 22.2815)
contains.

XYZ(27.0955, 29.9977, 22.4512)	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(27.0955, 29.9977,
22.4512)**

Conversions

Conversions Part 1

Format	Color
Hex	969779
RGB	150, 151, 121
RGB Percent	59%, 59%, 47%
CMY	0.4118, 0.4078, 0.5255
CMYK	0.01, 0.00, 0.20, 0.41
HSL	62°, 13%, 53%
HSV	62°, 20%, 59%
XYZ	27.0955, 29.9977, 22.4512
YIQ	147.2810, 9.0340, -9.5420

Conversions

Conversions Part 2

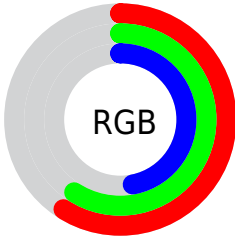
Format	Color
RYB	121, 151, 122
Decimal	9869177
CIELab	61.65, -5.64, 15.73
CIELCh	62, 16.707, 109.719
Yxy	29.9977, 0.3406, 0.3771
Android (android.graphics.Color)	4288059257 (0xFF969779)
YUV	147.2810, -12.9565, 2.3846
Hunter-Lab	54.7702, -7.5415, 14.0351

Details

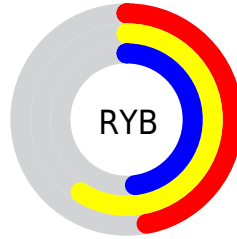
The XYZ color **27.0955, 29.9977, 22.4512** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.4504, 20.0474, 32.0714**, and the grayscale version is **27.8995, 29.3524, 31.9648**.

A 20% lighter version of the original color is **54.2760, 59.5171, 48.1625**, and **10.8725, 12.2349, 7.9194** is the 20% darker color. If you saturate the color by 10%, you get **26.1487, 29.6093, 17.9456**, and if you desaturate by 10%, it is **28.1893, 30.4470, 27.7216**.

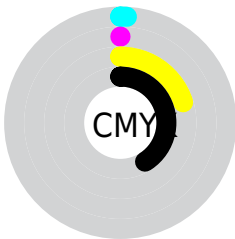
Distribution



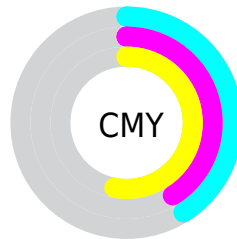
- Red (59%)
- Green (59%)
- Blue (47%)



- Red (47%)
- Yellow (59%)
- Blue (48%)



- Cyan (1%)
- Magenta (0%)
- Yellow (20%)
- Black (41%)



- Cyan (41%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0955, 29.9977, 22.4512 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 27.0955, 29.9977, 22.4512 by changing the saturation by 10% instead.

■ 27.0955, 29.9977,
22.4512

■ 27.0955, 29.9977,
22.4512

280.2783,
301.8937, 277.9236

■ 17.7819, 19.8368,
13.9873

■ 54.4559, 59.6585,
48.4023

■ 10.8923, 12.2765,
7.9732

■ 73.2334, 79.9273,
66.7267

■ 6.0612, 6.9323,
3.9903

■ 95.8963, 104.3342,
89.1749

■ 2.9233, 3.4198,
1.6200

122.8098,
133.2635, 116.1656

■ 1.1134, 1.3546,
0.3050

154.3395,
167.0998, 148.1172

■ 0.0362, 0.1829,
0.0000

190.8505,

■ 0.0000, 0.0000,

206.2273, 185.4484

0.0000

232.7084,
251.0305, 228.5777

■ 27.0955, 29.9977,
22.4512

■ 27.0955, 29.9977,
22.4512

■ 26.1487, 29.6093,
17.9456

■ 28.1893, 30.4470,
27.7216

■ 25.3397, 29.2750,
14.1676

■ 29.4340, 30.9557,
33.7880

■ 24.6622, 28.9934,
11.0794

■ 30.8363, 31.5274,
40.6822

■ 24.1081, 28.7612,
8.6394

■ 32.4018, 32.1645,
48.4337

■ 23.6688, 28.5749,
6.8014

■ 34.1358, 32.8691,
57.0706

■ 23.3342, 28.4306,
5.5130

■ 36.0434, 33.6431,
66.6195

■ 23.0928, 28.3236,
4.7131

■ 38.1295, 34.4886,
77.1063

■ 22.9156, 28.2424,
4.2492

■ 40.3988, 35.4074,
88.5554

■ 22.9133, 28.2413,
4.2435

■ 42.5475, 36.2780,
99.3676

Harmonies

Analogous

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



29.2807, 29.9977, 22.0481



27.0955, 29.9977, 22.4512



25.3773, 29.9977, 25.3776

Triad

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



27.0955, 29.9977, 22.4512



25.8397, 29.9977, 42.9066



32.9225, 29.9977, 34.8937

Complementary

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



27.0955, 29.9977, 22.4512



20.4504, 20.0474, 32.0714

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.



31.8946, 29.9977, 41.2228



27.0955, 29.9977, 22.4512



27.7567, 29.9977, 46.2311

Square

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



27.0955, 29.9977, 22.4512



24.6787, 29.9977, 36.9641



29.9768, 29.9977, 45.5778



32.7228, 29.9977, 28.7081

Rectangle

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



27.0955, 29.9977, 22.4512



24.6917, 29.9977, 28.6048



29.9768, 29.9977, 45.5778



32.7071, 29.9977, 37.0867

Sweetspot

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



27.0963, 29.9990, 22.4518



51.2840, 54.8524, 53.5454



23.1742, 21.8796, 21.0913



11.6272, 12.4554, 12.0288



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



27.0963, 29.9990, 22.4518



47.7093, 53.3872, 36.3187



24.5105, 28.6660, 22.3308



6.6885, 7.2124, 6.6455



19.4969, 24.0269, 3.6101



0.2969, 0.3620, 0.0542

Inverse Universe

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



20.4504, 20.0474, 32.0714



33.5126, 32.1283, 56.8687



22.7407, 21.2281, 32.1786



5.9026, 6.0357, 7.7829



4.8108, 1.9311, 25.0269



0.0764, 0.0312, 0.3744

Previews

White Background



This preview shows how the XYZ color 27.0955, 29.9977, 22.4512 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 27.0955, 29.9977, 22.4512 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 ✓ Pass

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

XYZ 27.0955, 29.9977, 22.4512

Background



This preview shows how black text looks on a background with the XYZ color 27.0955, 29.9977, 22.4512.



This preview shows how white text looks on a background with the XYZ color 27.0955, 29.9977,

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

27.0955, 29.9977, 22.4512

Protanopia

28.2382, 30.1201, 22.0947

Deuteranopia

30.4109, 29.8456, 22.8968



Tritanopia

29.9680, 29.9950, 36.5579

Trichromacy



Original Color

27.0955, 29.9977, 22.4512

Protanomaly

27.8141, 30.1373, 22.1204

Deuteranomaly

29.1016, 29.8554, 22.6412

Tritanomaly

28.8376, 29.9964, 31.0581

Monochromacy



Original Color

27.0955, 29.9977, 22.4512

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.3901, 29.3107, 28.2587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0955, 29.9977, 22.4512 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(150, 151, 121)` looks like.

```
.text, #text, p{  
    color:rgb(150, 151, 121)  
}
```

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(150, 151, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 151, 121) }
```

Border

The CSS property to change the border of an element to XYZ 27.0955, 29.9977, 22.4512 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(150, 151, 121) }
```


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

```
.border{ border-color:rgb(150, 151, 121) }
```

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

Here you see how a box with a 4 pixel rgb(150, 151, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 151, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 151, 121);  
box-shadow:4px 4px 4px 4px rgb(150, 151,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0955, 29.9977, 22.4512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 151, 121) }
```

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

```
.background{ background-color: rgb(150,  
151, 121) }
```

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