

Converting Colors

XYZ(22.1872, 27.4603, 22.5433)

Have a look what the booklet for
XYZ(22.1872, 27.4603, 22.5433)
contains.

XYZ(22.1872, 27.4603, 22.5433)	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(22.1872, 27.4603,
22.5433)**

Conversions

Conversions Part 1

Format	Color
Hex	77977A
RGB	119, 151, 122
RGB Percent	47%, 59%, 48%
CMY	0.5333, 0.4078, 0.5216
CMYK	0.21, 0.00, 0.19, 0.41
HSL	126°, 13%, 53%
HSV	126°, 21%, 59%
XYZ	22.1872, 27.4603, 22.5433
YIQ	138.1260, -9.7630, -15.8030

Conversions

Conversions Part 2

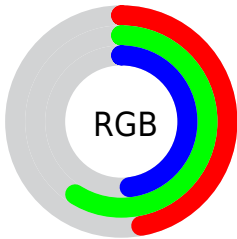
Format	Color
R_{YB}	119, 148, 151
Decimal	7837562
CIE _{Lab}	59.40, -17.13, 11.68
CIE _{LCh}	59, 20.731, 145.711
Yxy	27.4603, 0.3073, 0.3804
Android (android.graphics.Color)	4286027642 (0xFF77977A)
YUV	138.1260, -7.9501, -16.7735
Hunter-Lab	52.4026, -16.1278, 11.1756

Details

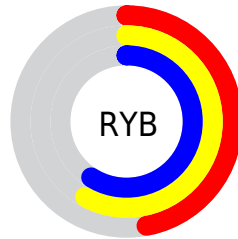
The XYZ color **22.1872, 27.4603, 22.5433** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.7056, 21.9117, 30.9455**, and the grayscale version is **24.2382, 25.5005, 27.7700**.

A 20% lighter version of the original color is **46.4846, 55.4893, 48.3049**, and **8.2856, 10.8975, 7.9701** is the 20% darker color. If you saturate the color by 10%, you get **19.4882, 26.1609, 18.2983**, and if you desaturate by 10%, it is **25.3364, 28.9796, 27.4339**.

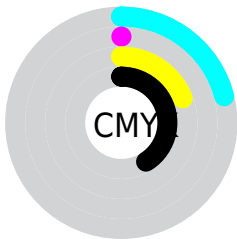
Distribution



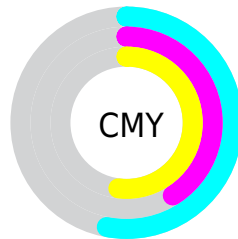
- Red (47%)
- Green (59%)
- Blue (48%)



- Red (47%)
- Yellow (58%)
- Blue (59%)



- Cyan (21%)
- Magenta (0%)
- Yellow (19%)
- Black (41%)



- Cyan (53%)
- Magenta (41%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1872, 27.4603, 22.5433 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 22.1872, 27.4603, 22.5433 by changing the saturation by 10% instead.

■ 22.1872, 27.4603,
22.5433

■ 22.1872, 27.4603,
22.5433

256.1363,
289.8790, 278.4160

■ 14.1119, 17.9192,
14.0545

■ 46.5318, 55.6216,
48.5560

■ 8.2808, 10.8920,
8.0194

■ 63.5317, 75.0107,
66.9170

■ 4.3284, 5.9943,
4.0194

■ 84.2373, 98.4511,
89.4058

■ 1.8896, 2.8416,
1.6360

109.0138,
126.3274, 116.4409

■ 0.5708, 1.0496,
0.3163

138.2266,
159.0240, 148.4410

■ 0.0000, 0.0000,
0.0000

172.2410,

196.9252, 185.8245

211.4225,
240.4154, 229.0100

■ 22.1872, 27.4603,
22.5433

■ 22.1872, 27.4603,
22.5433

■ 19.4882, 26.1609,
18.2983

■ 25.3364, 28.9796,
27.4339

■ 17.2167, 25.0678,
14.6701

■ 28.9528, 30.7246,
32.9935

■ 15.3514, 24.1715,
11.6307

■ 33.0552, 32.7053,
39.2468

■ 13.8682, 23.4603,
9.1490

■ 37.6605, 34.9299,
46.2163

■ 12.7405, 22.9211,
7.1910

■ 42.7852, 37.4065,
53.9238

■ 11.9382, 22.5393,
5.7193

■ 48.4447, 40.1426,
62.3902

■ 11.4264, 22.2977,
4.6912

■ 54.6539, 43.1453,
71.6354

■ 11.1475, 22.1664,
4.1121

■ 61.4271, 46.4218,
81.6786

■ 68.7781, 49.9786,
92.5384

Harmonies

Analogous

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



23.9927, 27.4603, 18.7745



22.1872, 27.4603, 22.5433



21.4296, 27.4603, 28.8426

Triad

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



22.1872, 27.4603, 22.5433



25.7284, 27.4603, 46.5526



30.8640, 27.4603, 24.1133

Complementary

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



22.1872, 27.4603, 22.5433



24.7056, 21.9117, 30.9455

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.



31.4044, 27.4603, 30.9821



22.1872, 27.4603, 22.5433



28.3276, 27.4603, 44.7283

Square

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



22.1872, 27.4603, 22.5433



23.3863, 27.4603, 43.3436



30.4482, 27.4603, 38.7039



29.0164, 27.4603, 19.5699

Rectangle

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



22.1872, 27.4603, 22.5433



21.5813, 27.4603, 33.9427



30.4482, 27.4603, 38.7039



31.2096, 27.4603, 26.1910

Sweetspot

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



22.1879, 27.4615, 22.5439



48.5510, 53.4300, 54.0267



26.6707, 29.7935, 21.7981



10.9492, 12.1026, 12.1477



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.



22.1879, 27.4615, 22.5439



37.5551, 48.1278, 36.9579



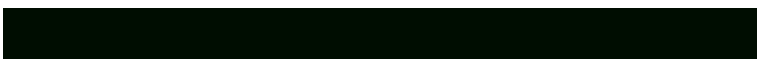
23.2385, 27.8817, 28.0762



6.1545, 6.9345, 6.7371



9.4883, 18.8588, 3.5258



0.1473, 0.2841, 0.0814

Inverse Universe

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



24.7056, 21.9117, 30.9455



42.8172, 36.5265, 54.5164



23.5479, 21.4486, 24.8491



6.4362, 6.3137, 7.6774



14.6947, 7.1321, 20.7153



0.2260, 0.1091, 0.3429

Previews

White Background



This preview shows how the XYZ color 22.1872, 27.4603, 22.5433 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 22.1872, 27.4603, 22.5433 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 22.1872, 27.4603, 22.5433

Background



This preview shows how black text looks on a background with the XYZ color 22.1872, 27.4603, 22.5433.



This preview shows how white text looks on a background with the XYZ color 22.1872, 27.4603,

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

22.1872, 27.4603, 22.5433

Protanopia

25.7055, 27.2333, 21.0413

Deuteranopia

27.7516, 27.1585, 23.1815



Tritanopia

24.9079, 27.3864, 36.3211

Trichromacy



Original Color

22.1872, 27.4603, 22.5433

Protanomaly

24.1026, 27.0717, 21.4078

Deuteranomaly

25.3437, 27.0043, 22.9454

Tritanomaly

23.8691, 27.4351, 30.8255

Monochromacy



Original Color

22.1872, 27.4603, 22.5433

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.3474, 26.1362, 25.6440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1872, 27.4603, 22.5433 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(119, 151, 122)` looks like.

```
.text, #text, p{  
    color:rgb(119, 151, 122)  
}
```

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(119, 151, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 151, 122) }
```

Border

The CSS property to change the border of an element to XYZ 22.1872, 27.4603, 22.5433 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(119, 151, 122) }
```


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

```
.border{ border-color:rgb(119, 151, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 151, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 151, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 151, 122);  
box-shadow:4px 4px 4px 4px rgb(119, 151,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1872, 27.4603, 22.5433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 151, 122) }
```

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

```
.background{ background-color: rgb(119,  
151, 122) }
```

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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