

Converting Colors

XYZ(27.0517, 22.9298, 19.6636)

Have a look what the booklet for
XYZ(27.0517, 22.9298, 19.6636)
contains.

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Color

**XYZ(27.0770, 22.8657,
19.5094)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7474
RGB	175, 116, 116
RGB Percent	69%, 45%, 45%
CMY	0.3137, 0.5451, 0.5451
CMYK	0.00, 0.34, 0.34, 0.31
HSL	0°, 27%, 57%
HSV	0°, 34%, 69%
XYZ	27.0770, 22.8657, 19.5094
YIQ	133.6410, 35.1640, 12.5080

Conversions

Conversions Part 2

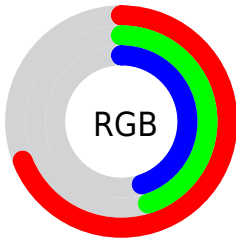
Format	Color
RYB	175, 116, 116
Decimal	11498612
CIELab	54.93, 23.25, 9.55
CIElCh	55, 25.131, 22.328
Yxy	22.8657, 0.3899, 0.3292
Android (android.graphics.Color)	4289688692 (0xFFAF7474)
YUV	133.6410, -8.6970, 36.2718
Hunter-Lab	47.8181, 17.3940, 9.2828

Details

The XYZ color **27.0770, 22.8657, 19.5094** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.2698, 37.4668, 46.1940**, and the grayscale version is **22.5507, 23.7251, 25.8366**.

A 20% lighter version of the original color is **54.5346, 48.3589, 43.5057**, and **10.9357, 8.4966, 6.5325** is the 20% darker color. If you saturate the color by 10%, you get **24.3227, 18.8356, 14.0333**, and if you desaturate by 10%, it is **30.4042, 27.7346, 26.1230**.

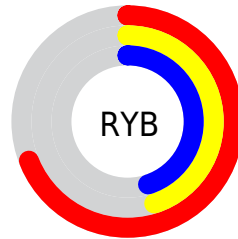
Distribution



Red (69%)

Green (45%)

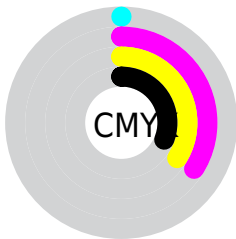
Blue (45%)



Red (69%)

Yellow (45%)

Blue (45%)

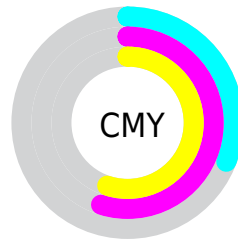


Cyan (0%)

Magenta (34%)

Yellow (34%)

Black (31%)



Cyan (31%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0770, 22.8657, 19.5094 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 27.0770, 22.8657, 19.5094 by changing the saturation by 10% instead.

■ 27.0770, 22.8657,
19.5094

■ 27.0770, 22.8657,
19.5094

280.1905,
267.0345, 261.7625

■ 17.7679, 14.4944,
11.8584

■ 54.4264, 48.1727,
43.4412

■ 10.8822, 8.4653,
6.5260

■ 73.1975, 65.8772,
60.5591

■ 6.0544, 4.3941,
3.0935

■ 95.8533, 87.4615,
81.6697

■ 2.9191, 1.8964,
1.1426

■ 122.7592,
113.3100, 107.1916

■ 1.1112, 0.5462,
0.0000

154.2805,
143.8072, 137.5433

■ 0.0344, 0.0000,
0.0000

190.7825,

■ 0.0000, 0.0000,

179.3374, 173.1433

0.0000

232.6308,
220.2850, 214.4102

■ 27.0770, 22.8657,
19.5094

■ 27.0770, 22.8657,
19.5094

■ 24.3227, 18.8356,
14.0333

■ 30.4042, 27.7346,
26.1230

■ 22.1074, 15.5939,
9.6295

■ 34.3322, 33.4824,
33.9318

■ 20.3963, 13.0900,
6.2280


■ 38.8893, 40.1506,
42.9911


■ 19.1498, 11.2659,
3.7501

■ 44.1012, 47.7771,
53.3524


■ 18.3223, 10.0551,
2.1054


■ 49.9926, 56.3978,
65.0644

 17.8595, 9.3777,
1.1854

 56.5865, 66.0464,
78.1731

 17.6794, 9.1142,
0.8274

 63.9051, 76.7554,
92.7225

 71.4893, 87.8540,
107.7974

Harmonies

Analogous

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



27.4887, 22.8657, 27.0027



27.0770, 22.8657, 19.5094



25.1757, 22.8657, 14.6173

Triad

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



27.0770, 22.8657, 19.5094



17.7613, 22.8657, 16.6455



21.0255, 22.8657, 43.4156

Complementary

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



27.0770, 22.8657, 19.5094



30.2698, 37.4668, 46.1940

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.



18.6197, 22.8657, 39.1283



27.0770, 22.8657, 19.5094



16.8429, 22.8657, 22.9034

Square

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



27.0770, 22.8657, 19.5094



19.7601, 22.8657, 13.2271



17.1432, 22.8657, 31.1947



23.8333, 22.8657, 41.9641

Rectangle

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



27.0770, 22.8657, 19.5094



23.4010, 22.8657, 12.9494



17.1432, 22.8657, 31.1947



20.1465, 22.8657, 42.5709

Sweetspot

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



27.0776, 22.8668, 19.5099



64.2464, 64.0024, 66.2548



31.6626, 24.7001, 43.6564



14.0372, 13.8707, 14.2443



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.0776, 22.8668, 19.5099



44.9477, 35.7630, 27.8899



31.0337, 30.7791, 20.8286



8.0053, 8.0154, 8.3386



12.6608, 6.5270, 0.5925



0.3522, 0.1816, 0.0165

Inverse Universe

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



30.2698, 37.4668, 46.1940



51.4931, 65.6995, 82.6042



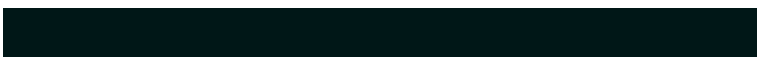
25.1425, 27.2123, 44.4849



8.2363, 9.0720, 10.2697



16.5181, 24.1701, 32.8392



0.4595, 0.6724, 0.9136

Previews

White Background



This preview shows how the XYZ color 27.0770, 22.8657, 19.5094 looks on a white background.

Color Contrast Check

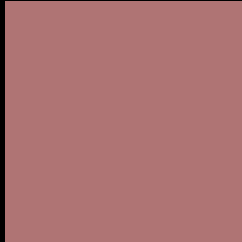
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0770, 22.8657, 19.5094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

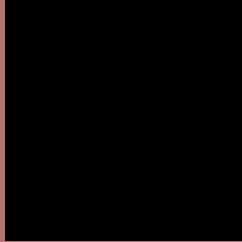
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0770, 22.8657, 19.5094

Background



This preview shows how black text looks on a background with the XYZ color 27.0770, 22.8657, 19.5094.



This preview shows how white text looks on a background with the XYZ color 27.0770, 22.8657,

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

27.0770, 22.8657, 19.5094

Protanopia

21.9077, 22.9221, 22.3385

Deuteranopia

23.3891, 22.9730, 19.1211



Tritanopia

27.6733, 22.9468, 22.0394

Trichromacy



Original Color

27.0770, 22.8657, 19.5094

Protanomaly

23.4897, 22.7862, 21.2493

Deuteranomaly

24.6747, 22.8773, 19.3349

Tritanomaly

27.4864, 22.8720, 21.0552

Monochromacy



Original Color

27.0770, 22.8657, 19.5094

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.8146, 23.1006, 23.2824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0770, 22.8657, 19.5094 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(175, 116, 116)` looks like.

```
.text, #text, p{  
    color:rgb(175, 116, 116)  
}
```

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(175, 116, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 116, 116) }
```

Border

The CSS property to change the border of an element to XYZ 27.0770, 22.8657, 19.5094 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(175, 116, 116) }
```


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

```
.border{ border-color:rgb(175, 116, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 116, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 116, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 116, 116);  
box-shadow:4px 4px 4px 4px rgb(175, 116,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0770, 22.8657, 19.5094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 116, 116) }
```

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

```
.background{ background-color: rgb(175,  
116, 116) }
```

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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