

Converting Colors

XYZ(27.1232, 22.0057, 19.4277)

Have a look what the booklet for
XYZ(27.1232, 22.0057, 19.4277)
contains.

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Color

**XYZ(27.1969, 22.0948,
19.3543)**

Conversions

Conversions Part 1

Format	Color
Hex	B26F74
RGB	178, 111, 116
RGB Percent	70%, 44%, 45%
CMY	0.3020, 0.5647, 0.5451
CMYK	0.00, 0.38, 0.35, 0.30
HSL	356°, 30%, 57%
HSV	356°, 38%, 70%
XYZ	27.1969, 22.0948, 19.3543
YIQ	131.6030, 38.3270, 15.7590

Conversions

Conversions Part 2

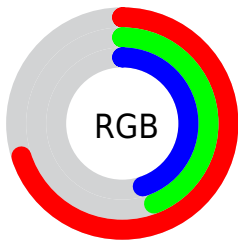
Format	Color
RYB	178, 111, 116
Decimal	11693940
CIELab	54.13, 27.21, 8.46
CIELCh	54, 28.492, 17.267
Yxy	22.0948, 0.3962, 0.3219
Android (android.graphics.Color)	4289884020 (0xFFB26F74)
YUV	131.6030, -7.6923, 40.6902
Hunter-Lab	47.0051, 21.0202, 8.4910

Details

The XYZ color **27.1969, 22.0948, 19.3543** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.0197, 38.2379, 45.3356**, and the grayscale version is **21.8069, 22.9426, 24.9845**.

A 20% lighter version of the original color is **54.4260, 46.6837, 43.1881**, and **10.9344, 8.0736, 6.4509** is the 20% darker color. If you saturate the color by 10%, you get **24.5699, 18.2407, 14.1631**, and if you desaturate by 10%, it is **30.3820, 26.7930, 25.5703**.

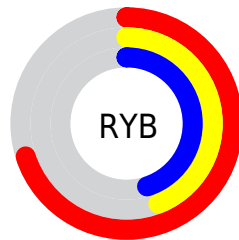
Distribution



Red (70%)

Green (44%)

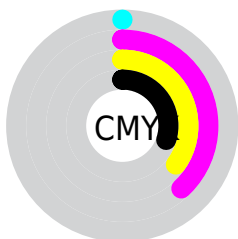
Blue (45%)



Red (70%)

Yellow (44%)

Blue (45%)

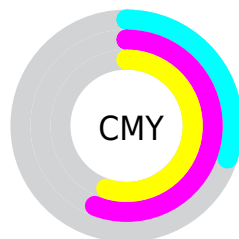


Cyan (0%)

Magenta (38%)

Yellow (35%)

Black (30%)



Cyan (30%)


Magenta (56%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1969, 22.0948, 19.3543 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 27.1969, 22.0948, 19.3543 by changing the saturation by 10% instead.


 27.1969, 22.0948,
19.3543


 27.1969, 22.0948,
19.3543


280.7594,
263.0409, 260.8854


 17.8585, 13.9266,
11.7472


 54.6173, 46.9026,
43.1766


 10.9475, 8.0696,
6.4513


 73.4301, 64.3110,
60.2288

 6.0986, 4.1395,
3.0482


 96.1316, 85.5683,
81.2665

 2.9464, 1.7519,
1.1193

 123.0874,
111.0587, 106.7081

 1.1255, 0.4569,
0.0000

154.6627,
141.1669, 136.9723

 0.0463, 0.0000,
0.0000

191.2229,

 0.0000, 0.0000,

176.2770, 172.4775

0.0000

233.1334,
216.7736, 213.6424

■ 27.1969, 22.0948,
19.3543

■ 27.1969, 22.0948,
19.3543

■ 24.5699, 18.2407,
14.1631

■ 30.3820, 26.7930,
25.5703

■ 22.4672, 15.1776,
9.9403

■ 34.1530, 32.3779,
32.8607

■ 20.8539, 12.8517,
6.6263


■ 38.5378, 38.8929,
41.2733


■ 19.6904, 11.2007,
4.1543

■ 43.5623, 46.3777,
50.8529


■ 18.9306, 10.1524,
2.4480

■ 49.2505, 54.8698,
61.6415


 18.5082, 9.5972,
1.4141

 55.6256, 64.4045,
73.6793

 18.4345, 9.4947,
1.2512

 62.7094, 75.0155,
87.0046

 70.5227, 86.7351,
101.6540

 72.1701, 88.2050,
107.8292

Harmonies

Analogous

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



27.3416, 22.0948, 28.0041



27.1969, 22.0948, 19.3543



25.2934, 22.0948, 13.6029

Triad

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



27.1969, 22.0948, 19.3543



16.9336, 22.0948, 14.2638



19.7186, 22.0948, 44.7512

Complementary

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



27.1969, 22.0948, 19.3543



30.0197, 38.2379, 45.3356

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.



17.2230, 22.0948, 38.8364



27.1969, 22.0948, 19.3543



15.7244, 22.0948, 20.5003

Square

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



27.1969, 22.0948, 19.3543



19.2867, 22.0948, 11.1973



15.8248, 22.0948, 29.4668



22.8128, 22.0948, 44.2266

Rectangle

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



27.1969, 22.0948, 19.3543



23.3799, 22.0948, 11.5338



15.8248, 22.0948, 29.4668



18.7882, 22.0948, 43.3993

Sweetspot

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



27.1975, 22.0959, 19.3547



66.9307, 66.1349, 69.1887



30.8258, 23.4022, 45.0118



14.5905, 14.2985, 14.8724



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.1975, 22.0959, 19.3547



45.3681, 34.2665, 27.2980



30.4506, 29.0547, 19.0435



8.5212, 8.5152, 8.9772



13.1997, 6.7974, 0.9455



0.4238, 0.2173, 0.0742

Inverse Universe

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



27.1975, 22.0959, 19.3547



45.3681, 34.2665, 27.2980



25.5120, 28.4341, 46.2632



8.5212, 8.5152, 8.9772



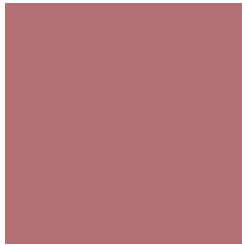
13.1997, 6.7974, 0.9455



0.4238, 0.2173, 0.0742

Previews

White Background



This preview shows how the XYZ color 27.1969, 22.0948, 19.3543 looks on a white background.

Color Contrast Check

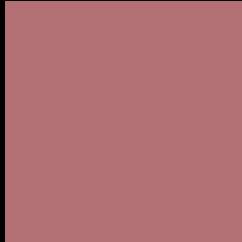
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1969, 22.0948, 19.3543 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 27.1969, 22.0948, 19.3543

Background



This preview shows how black text looks on a background with the XYZ color 27.1969, 22.0948, 19.3543.



This preview shows how white text looks on a background with the XYZ color 27.1969, 22.0948,

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

27.1969, 22.0948, 19.3543

Protanopia

21.2890, 22.1934, 22.9004

Deuteranopia

22.5270, 22.1554, 18.7119



Tritanopia

27.3743, 22.1658, 20.2884

Trichromacy



Original Color

27.1969, 22.0948, 19.3543

Protanomaly

22.8668, 21.7138, 21.3983

Deuteranomaly

24.0518, 22.0188, 18.9020

Tritanomaly

27.3146, 22.1419, 19.9737

Monochromacy



Original Color

27.1969, 22.0948, 19.3543

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.3680, 22.3112, 22.8135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1969, 22.0948, 19.3543 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(178, 111, 116)` looks like.

```
.text, #text, p{  
    color:rgb(178, 111, 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(178, 111, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 111, 116) }
```

Border

The CSS property to change the border of an element to XYZ 27.1969, 22.0948, 19.3543 is called "border". The border property can be set on classes, ids or directly on the HTML element.

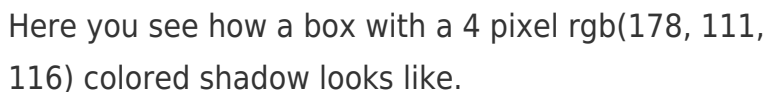
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 111, 116) }
```


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

```
.border{ border-color:rgb(178, 111, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 111, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 111, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 111, 116);  
box-shadow:4px 4px 4px 4px rgb(178, 111,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1969, 22.0948, 19.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 111, 116) }
```

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

```
.background{ background-color: rgb(178,  
111, 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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