

Converting Colors

XYZ(22.2549, 17.2825, 22.1080)

Have a look what the booklet for
XYZ(22.2549, 17.2825, 22.1080)
contains.

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Color

**XYZ(22.3117, 17.2690,
22.2360)**

Conversions

Conversions Part 1

Format	Color
Hex	9F607F
RGB	159, 96, 127
RGB Percent	62%, 38%, 50%
CMY	0.3765, 0.6235, 0.5020
CMYK	0.00, 0.40, 0.20, 0.38
HSL	330°, 25%, 50%
HSV	330°, 40%, 62%
XYZ	22.3117, 17.2690, 22.2360
YIQ	118.3710, 27.5970, 22.9970

Conversions

Conversions Part 2

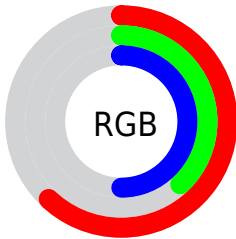
Format	Color
R_{YB}	159, 96, 127
Decimal	10444927
CIE _{Lab}	48.60, 30.00, -6.40
CIE _{LCh}	49, 30.678, 347.953
Yxy	17.2690, 0.3609, 0.2794
Android (android.graphics.Color)	4288635007 (0xFF9F607F)
YUV	118.3710, 4.2541, 35.6316
Hunter-Lab	41.5560, 23.1149, -2.6360

Details

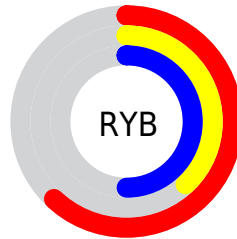
The XYZ color **22.3117, 17.2690, 22.2360** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.1190, 28.8420, 24.8774**, and the grayscale version is **17.3177, 18.2196, 19.8411**.

A 20% lighter version of the original color is **46.8525, 38.9222, 48.2234**, and **8.3760, 5.7281, 7.8719** is the 20% darker color. If you saturate the color by 10%, you get **20.4996, 14.4537, 19.1383**, and if you desaturate by 10%, it is **24.4604, 20.6897, 25.6545**.

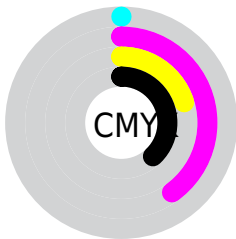
Distribution



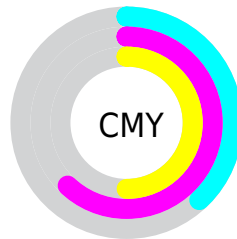
- Red (62%)
- Green (38%)
- Blue (50%)



- Red (62%)
- Yellow (38%)
- Blue (50%)



- Cyan (0%)
- Magenta (40%)
- Yellow (20%)
- Black (38%)



- Cyan (38%)
- Magenta (62%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3117, 17.2690, 22.2360 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 22.3117, 17.2690, 22.2360 by changing the saturation by 10% instead.

■ 22.3117, 17.2690,
22.2360

■ 22.3117, 17.2690,
22.2360

256.7716,
236.7178, 276.7699

■ 14.2040, 10.4265,
13.8304

■ 46.7357, 38.7877,
48.0429

■ 8.3453, 5.6826,
7.8654

■ 63.7826, 54.2327,
66.2814

■ 4.3704, 2.6531,
3.9224

■ 84.5401, 73.3139,
88.6345

■ 1.9137, 0.9534,
1.5829

■ 109.3733, 96.4158,
115.5209

■ 0.5848, 0.0000,
0.2786

138.6477,
123.9227, 147.3591

■ 0.0000, 0.0000,
0.0000

172.7287,

156.2191, 184.5677

211.9815,
193.6893, 227.5651

■ 22.3117, 17.2690,
22.2360

■ 22.3117, 17.2690,
22.2360

■ 20.4996, 14.4537,
19.1383

■ 24.4604, 20.6897,
25.6545

■ 19.0039, 12.2052,
16.3492

■ 26.9614, 24.7462,
29.4033

■ 17.8043, 10.4845,
13.8571

■ 29.8313, 29.4699,
33.4924


■ 16.8773, 9.2466,
11.6490


■ 33.0852, 34.8895,
37.9314


■ 16.1957, 8.4385,
9.7103


■ 36.7371, 41.0319,
42.7292


 15.6993, 7.9419,
8.0154

 40.8004, 47.9225,
47.8945

 15.6817, 7.9244,
7.9549

 45.2881, 55.5856,
53.4355

 50.2121, 64.0443,
59.3603

 55.5844, 73.3209,
65.6767

Harmonies

Analogous

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



20.7811, 17.2690, 31.2470



22.3117, 17.2690, 22.2360



22.1347, 17.2690, 14.4089

Triad

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



22.3117, 17.2690, 22.2360



14.7976, 17.2690, 7.5568



13.0416, 17.2690, 32.8621

Complementary

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



22.3117, 17.2690, 22.2360



21.1190, 28.8420, 24.8774

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.



11.7746, 17.2690, 24.0103



22.3117, 17.2690, 22.2360



12.7055, 17.2690, 10.1985

Square

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



22.3117, 17.2690, 22.2360



17.5723, 17.2690, 7.3334



11.6590, 17.2690, 15.7429



15.3072, 17.2690, 38.4593

Rectangle

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



22.3117, 17.2690, 22.2360



21.0740, 17.2690, 10.7746



11.6590, 17.2690, 15.7429



12.4966, 17.2690, 30.0690

Sweetspot

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



22.3122, 17.2698, 22.2363



52.0193, 50.4532, 58.0119



19.2687, 15.4204, 34.7619



11.5848, 11.1390, 12.8768



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.3122, 17.2698, 22.2363



36.9234, 26.2076, 34.6488



20.5929, 16.5821, 13.1827



6.7623, 6.6978, 7.5992



12.4069, 6.2673, 6.3938



0.2432, 0.1206, 0.2266

Inverse Universe

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



22.3122, 17.2698, 22.2363



36.9234, 26.2076, 34.6488



23.4805, 29.7866, 37.3128



6.7623, 6.6978, 7.5992



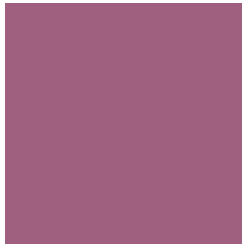
12.4069, 6.2673, 6.3938



0.2432, 0.1206, 0.2266

Previews

White Background



This preview shows how the XYZ color 22.3117, 17.2690, 22.2360 looks on a white background.

Color Contrast Check

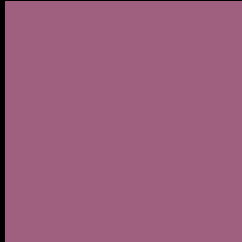
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 22.3117, 17.2690, 22.2360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

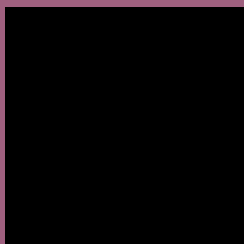
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.3117, 17.2690, 22.2360

Background



This preview shows how black text looks on a background with the XYZ color 22.3117, 17.2690, 22.2360.



This preview shows how white text looks on a background with the XYZ color 22.3117, 17.2690,

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

22.3117, 17.2690, 22.2360

Protanopia

17.3465, 17.5051, 26.8907

Deuteranopia

17.7116, 17.4764, 21.5086



Tritanopia

21.1156, 17.3440, 16.1447

Trichromacy



Original Color

22.3117, 17.2690, 22.2360

Protanomaly

18.6378, 17.0636, 25.2330

Deuteranomaly

19.1127, 17.2303, 21.7205

Tritanomaly

21.5997, 17.4077, 18.1412

Monochromacy



Original Color

22.3117, 17.2690, 22.2360

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.7000, 17.5189, 20.4850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3117, 17.2690, 22.2360 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(159, 96, 127)` looks like.

```
.text, #text, p{  
    color:rgb(159, 96, 127)  
}
```

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(159, 96, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 96, 127) }
```

Border

The CSS property to change the border of an element to XYZ 22.3117, 17.2690, 22.2360 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(159, 96, 127) }
```


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

```
.border{ border-color:rgb(159, 96, 127) }
```

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

Here you see how a box with a 4 pixel rgb(159, 96, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 96, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 96, 127);  
box-shadow:4px 4px 4px 4px rgb(159, 96,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3117, 17.2690, 22.2360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 96, 127) }
```

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

```
.background{ background-color: rgb(159, 96,  
127) }
```

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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