

Converting Colors

XYZ(22.5377, 20.1969, 17.2878)

Have a look what the booklet for
XYZ(22.5377, 20.1969, 17.2878)
contains.

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Color

**XYZ(22.4879, 20.2067,
17.1830)**

Conversions

Conversions Part 1

Format	Color
Hex	9C726D
RGB	156, 114, 109
RGB Percent	61%, 45%, 43%
CMY	0.3882, 0.5529, 0.5725
CMYK	0.00, 0.27, 0.30, 0.39
HSL	6°, 19%, 52%
HSV	6°, 30%, 61%
XYZ	22.4879, 20.2067, 17.1830
YIQ	125.9880, 26.6370, 7.3490

Conversions

Conversions Part 2

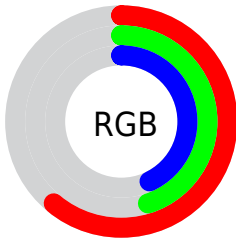
Format	Color
R_{YB}	156, 115, 109
Decimal	10252909
CIE _{Lab}	52.07, 15.84, 9.28
CIE _{LCh}	52, 18.362, 30.368
Yxy	20.2067, 0.3756, 0.3375
Android (android.graphics.Color)	4288442989 (0xFF9C726D)
YUV	125.9880, -8.3751, 26.3205
Hunter-Lab	44.9519, 10.6318, 8.8025

Details

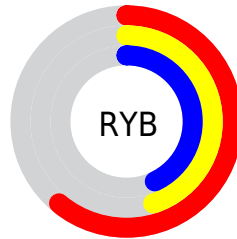
The XYZ color **22.4879, 20.2067, 17.1830** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.3735, 27.7836, 35.5833**, and the grayscale version is **19.8488, 20.8825, 22.7410**.

A 20% lighter version of the original color is **46.8454, 43.6594, 39.2158**, and **8.4112, 7.1278, 5.4899** is the 20% darker color. If you saturate the color by 10%, you get **20.2673, 16.9922, 12.6609**, and if you desaturate by 10%, it is **25.0983, 23.9620, 22.5709**.

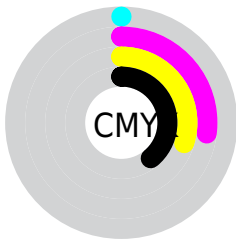
Distribution



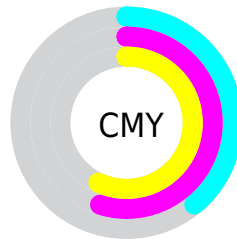
- Red (61%)
- Green (45%)
- Blue (43%)



- Red (61%)
- Yellow (45%)
- Blue (43%)



- Cyan (0%)
- Magenta (27%)
- Yellow (30%)
- Black (39%)





- Cyan (39%)
- Magenta (55%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.4879, 20.2067, 17.1830 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 22.4879, 20.2067, 17.1830 by changing the saturation by 10% instead.


 22.4879, 20.2067,
17.1830


 22.4879, 20.2067,
17.1830


257.6685,
253.0319, 248.3043


 14.3344, 12.5454,
10.2017


 47.0240, 43.7635,
39.4351

 8.4369, 7.1163,
5.4256


 64.1373, 60.4277,
55.5430

 4.4299, 3.5349,
2.4360

 84.9679, 80.8617,
75.5302

 1.9481, 1.4170,
0.8059

 109.8812,
105.4498, 99.8152

 0.6046, 0.2292,
0.0000

139.2426,
134.5765, 128.8166

 0.0000, 0.0000,
0.0000

173.4173,

168.6262, 162.9529

212.7708,
207.9832, 202.6426

■ 22.4879, 20.2067,
17.1830

■ 22.4879, 20.2067,
17.1830

■ 20.2673, 16.9922,
12.6609

■ 25.0983, 23.9620,
22.5709

■ 18.4161, 14.2908,
8.9581

■ 28.1143, 28.2784,
28.8651

■ 16.9148, 12.0768,
6.0259


■ 31.5528, 33.1787,
36.1052


■ 15.7409, 10.3211,
3.8098


■ 35.4292, 38.6835,
44.3280


■ 14.8698, 8.9913,
2.2481


■ 39.7583, 44.8124,
53.5683


 14.2731, 8.0509,
1.2688

 44.5540, 51.5843,
63.8593

 13.9047, 7.4568,
0.7064

 49.8298, 59.0170,
75.2326

 55.5984, 67.1279,
87.7185

 61.8723, 75.9335,
101.3462

Harmonies

Analogous

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



23.0419, 20.2067, 21.9353



22.4879, 20.2067, 17.1830



21.0444, 20.2067, 14.1909

Triad

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



22.4879, 20.2067, 17.1830



16.2390, 20.2067, 17.2807



19.2290, 20.2067, 34.0279

Complementary

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



22.4879, 20.2067, 17.1830



23.3735, 27.7836, 35.5833

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.



17.4777, 20.2067, 32.2538



22.4879, 20.2067, 17.1830



15.8211, 20.2067, 22.0681

Square

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



22.4879, 20.2067, 17.1830



17.4400, 20.2067, 14.2405



16.2598, 20.2067, 27.6462



21.0871, 20.2067, 32.1682

Rectangle

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



22.4879, 20.2067, 17.1830



19.8155, 20.2067, 13.3102



16.2598, 20.2067, 27.6462



18.6089, 20.2067, 33.8339

Sweetspot

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



22.4884, 20.2076, 17.1834



51.6233, 52.1607, 53.6012



24.7893, 20.2495, 32.0081



11.1833, 11.2262, 11.4253



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.4884, 20.2076, 17.1834



38.1117, 32.7499, 25.6294



25.4448, 26.1204, 18.1689



6.6871, 6.7542, 6.9369



11.4668, 6.1692, 0.5864



0.2196, 0.1395, 0.0153

Inverse Universe

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



23.3735, 27.7836, 35.5833



39.9721, 48.7117, 64.4223



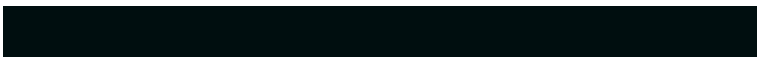
20.0007, 21.0379, 34.4590



6.7615, 7.3888, 8.4765



12.6096, 17.3106, 28.5839



0.2410, 0.3407, 0.5163

Previews

White Background



This preview shows how the XYZ color 22.4879, 20.2067, 17.1830 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 22.4879, 20.2067, 17.1830 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 22.4879, 20.2067, 17.1830

Background



This preview shows how black text looks on a background with the XYZ color 22.4879, 20.2067, 17.1830.



This preview shows how white text looks on a background with the XYZ color 22.4879, 20.2067,

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

22.4879, 20.2067, 17.1830

Protanopia

19.2982, 20.2973, 18.8202

Deuteranopia

20.5786, 20.2664, 17.0146



Tritanopia

23.1500, 20.1369, 20.7558

Trichromacy



Original Color

22.4879, 20.2067, 17.1830

Protanomaly

20.2886, 20.0918, 18.1380

Deuteranomaly

21.2178, 20.2426, 16.9763

Tritanomaly

23.0206, 20.2627, 19.5274

Monochromacy



Original Color

22.4879, 20.2067, 17.1830

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.6662, 20.5935, 20.6550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4879, 20.2067, 17.1830 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(156, 114, 109)` looks like.

```
.text, #text, p{  
    color:rgb(156, 114, 109)  
}
```

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(156, 114, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 114, 109) }
```

Border

The CSS property to change the border of an element to XYZ 22.4879, 20.2067, 17.1830 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(156, 114, 109) }
```


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

```
.border{ border-color:rgb(156, 114, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 114, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 114, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 114, 109);  
box-shadow:4px 4px 4px 4px rgb(156, 114,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4879, 20.2067, 17.1830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 114, 109) }
```

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

```
.background{ background-color: rgb(156,  
114, 109) }
```

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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