

Converting Colors

XYZ(22.7160, 20.6628, 17.2591)

Have a look what the booklet for
XYZ(22.7160, 20.6628, 17.2591)
contains.

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Color

**XYZ(22.7160, 20.6628,
17.2591)**

Conversions

Conversions Part 1

Format	Color
Hex	9C746D
RGB	156, 116, 109
RGB Percent	61%, 45%, 43%
CMY	0.3882, 0.5451, 0.5725
CMYK	0.00, 0.26, 0.30, 0.39
HSL	9°, 19%, 52%
HSV	9°, 30%, 61%
XYZ	22.7160, 20.6628, 17.2591
YIQ	127.1620, 26.0870, 6.3030

Conversions

Conversions Part 2

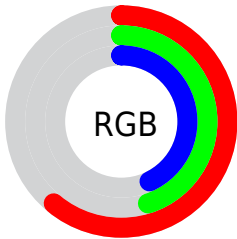
Format	Color
R_{YB}	156, 117, 109
Decimal	10253421
CIE _{Lab}	52.58, 14.69, 10.00
CIE _{LCh}	53, 17.773, 34.239
Yxy	20.6628, 0.3746, 0.3408
Android (android.graphics.Color)	4288443501 (0xFF9C746D)
YUV	127.1620, -8.9539, 25.2909
Hunter-Lab	45.4564, 9.6536, 9.3079

Details

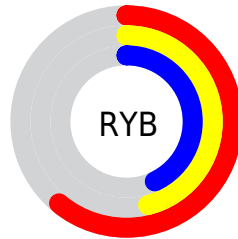
The XYZ color **22.7160, 20.6628, 17.2591** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.0546, 27.1456, 35.4771**, and the grayscale version is **20.2524, 21.3071, 23.2035**.

A 20% lighter version of the original color is **47.2118, 44.3922, 39.3379**, and **8.6455, 7.4251, 5.5349** is the 20% darker color. If you saturate the color by 10%, you get **20.5272, 17.5119, 12.7475**, and if you desaturate by 10%, it is **25.2737, 24.3127, 22.6294**.

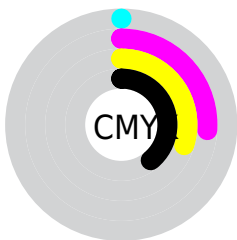
Distribution



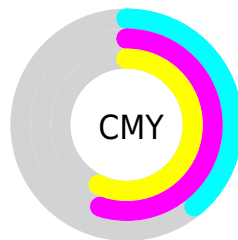
- Red (61%)
- Green (45%)
- Blue (43%)



- Red (61%)
- Yellow (46%)
- Blue (43%)



- Cyan (0%)
- Magenta (26%)
- Yellow (30%)
- Black (39%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7160, 20.6628, 17.2591 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 22.7160, 20.6628, 17.2591 by changing the saturation by 10% instead.

■ 22.7160, 20.6628,
17.2591

■ 22.7160, 20.6628,
17.2591

258.8256,
255.4810, 248.7554

■ 14.5035, 12.8777,
10.2555

■ 47.3967, 44.5257,
39.5675

■ 8.5557, 7.3444,
5.4609

■ 64.5955, 61.3723,
55.7093

■ 4.5073, 3.6784,
2.4567

■ 85.5206, 82.0082,
75.7343

■ 1.9930, 1.4953,
0.8171

■ 110.5371,
106.8177, 100.0610

■ 0.6300, 0.2855,
0.0000

140.0105,
136.1854, 129.1079

■ 0.0000, 0.0000,
0.0000

174.3062,

170.4956, 163.2935

213.7894,
210.1327, 203.0365

■ 22.7160, 20.6628,
17.2591

■ 22.7160, 20.6628,
17.2591

■ 20.5272, 17.5119,
12.7475

■ 25.2737, 24.3127,
22.6294

■ 18.6885, 14.8355,
9.0489

■ 28.2146, 28.4789,
28.8987

■ 17.1820, 12.6113,
6.1150

■ 31.5543, 33.1817,
36.1059

■ 15.9875, 10.8141,
3.8920

■ 35.3071, 38.4391,
44.2875

■ 15.0823, 9.4162,
2.3190

■ 39.4864, 44.2684,
53.4779

■ 14.4410, 8.3866,
1.3247

■ 44.1051, 50.6863,
63.7099

■ 14.0216, 7.6905,
0.7454

■ 49.1757, 57.7086,
75.0148

■ 54.7099, 65.3506,
87.4227

■ 60.7191, 73.6271,
100.9622

Harmonies

Analogous

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



23.3883, 20.6628, 21.7567



22.7160, 20.6628, 17.2591



21.2196, 20.6628, 14.5422

Triad

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



22.7160, 20.6628, 17.2591



16.6185, 20.6628, 18.3705



19.9024, 20.6628, 34.2087

Complementary

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



22.7160, 20.6628, 17.2591



23.0546, 27.1456, 35.4771

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.



18.1396, 20.6628, 32.9284



22.7160, 20.6628, 17.2591



16.3141, 20.6628, 23.2565

Square

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



22.7160, 20.6628, 17.2591



17.7129, 20.6628, 15.1100



16.8539, 20.6628, 28.7030



21.7008, 20.6628, 31.9711

Rectangle

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



22.7160, 20.6628, 17.2591



19.9971, 20.6628, 13.8383



16.8539, 20.6628, 28.7030



19.2859, 20.6628, 34.1776

Sweetspot

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



22.7165, 20.6638, 17.2595



51.7901, 52.4944, 53.6568



24.6627, 20.1989, 31.3407



11.2247, 11.3091, 11.4391



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.



22.7165, 20.6638, 17.2595



38.5679, 33.6624, 25.7815



25.6696, 26.5700, 18.2439



6.7089, 6.7978, 6.9442



11.5664, 6.3684, 0.6196



0.2267, 0.1536, 0.0177

Inverse Universe

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



23.0546, 27.1456, 35.4771



39.2738, 47.3152, 64.1895



19.7984, 20.6332, 34.3917



6.7376, 7.3410, 8.4685



11.8439, 15.7793, 28.3287



0.2326, 0.3237, 0.5135

Previews

White Background



This preview shows how the XYZ color 22.7160, 20.6628, 17.2591 looks on a white background.

Color Contrast Check

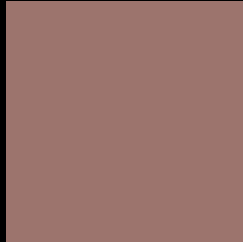
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.7160, 20.6628, 17.2591 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 22.7160, 20.6628, 17.2591

Background



This preview shows how black text looks on a background with the XYZ color 22.7160, 20.6628, 17.2591.



This preview shows how white text looks on a background with the XYZ color 22.7160, 20.6628,

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

22.7160, 20.6628, 17.2591

Protanopia

19.7310, 20.7074, 18.8766

Deuteranopia

21.0457, 20.6867, 17.0711



Tritanopia

23.4971, 20.6328, 21.4830

Trichromacy



Original Color

22.7160, 20.6628, 17.2591

Protanomaly

20.6994, 20.6644, 18.2269

Deuteranomaly

21.5163, 20.5723, 17.0242

Tritanomaly

23.3054, 20.7376, 19.9140

Monochromacy



Original Color

22.7160, 20.6628, 17.2591

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.9544, 20.9253, 20.7039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7160, 20.6628, 17.2591 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, 116, 109)` looks like.

```
.text, #text, p{  
    color:rgb(156, 116, 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, 116, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 116, 109) }
```

Border

The CSS property to change the border of an element to XYZ 22.7160, 20.6628, 17.2591 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, 116, 109) }
```


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

```
.border{ border-color:rgb(156, 116, 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, 116, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 116, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 116, 109);  
box-shadow:4px 4px 4px 4px rgb(156, 116,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7160, 20.6628, 17.2591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 116, 109) }
```

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

```
.background{ background-color: rgb(156,  
116, 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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