

Converting Colors

XYZ(22.1511, 20.0359, 16.7862)

Have a look what the booklet for
XYZ(22.1511, 20.0359, 16.7862)
contains.

| | |
|--|----|
| XYZ(22.2417, 20.0859, 16.8921) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(22.2417, 20.0859,
16.8921)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9B726C |
| RGB | 155, 114, 108 |
| RGB Percent | 61%, 45%, 42% |
| CMY | 0.3922, 0.5529, 0.5765 |
| CMYK | 0.00, 0.26, 0.30, 0.39 |
| HSL | 8°, 19%, 52% |
| HSV | 8°, 30%, 61% |
| XYZ | 22.2417, 20.0859, 16.8921 |
| YIQ | 125.5750, 26.3620, 6.8260 |

Conversions

Conversions Part 2

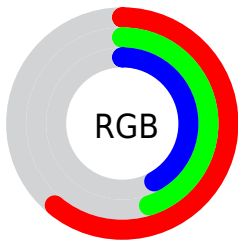
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 155, 115, 108 |
| Decimal | 10187372 |
| CIE _{Lab} | 51.93, 15.30, 9.66 |
| CIE _{LCh} | 52, 18.092, 32.280 |
| Yxy | 20.0859, 0.3756, 0.3392 |
| Android (android.graphics.Color) | 4288377452 (0xFF9B726C) |
| YUV | 125.5750, -8.6645, 25.8057 |
| Hunter-Lab | 44.8173, 10.1548, 9.0251 |

Details

The XYZ color **22.2417, 20.0859, 16.8921** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.8480, 27.0489, 35.0273**, and the grayscale version is **19.7097, 20.7361, 22.5816**.

A 20% lighter version of the original color is **46.4726, 43.4773, 38.7435**, and **8.3840, 7.1169, 5.3467** is the 20% darker color. If you saturate the color by 10%, you get **20.0751, 16.9575, 12.4555**, and if you desaturate by 10%, it is **24.7815, 23.7258, 22.1772**.

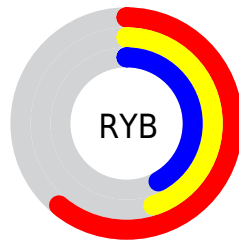
Distribution



Red (61%)

Green (45%)

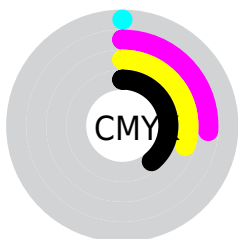
Blue (42%)



Red (61%)

Yellow (45%)

Blue (42%)

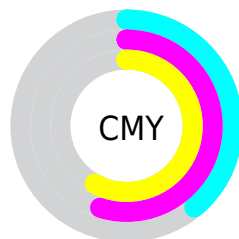


Cyan (0%)

Magenta (26%)

Yellow (30%)

Black (39%)



Cyan (39%)


Magenta (55%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.2417, 20.0859, 16.8921 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 22.2417, 20.0859, 16.8921 by changing the saturation by 10% instead.


 22.2417, 20.0859,
16.8921


 22.2417, 20.0859,
16.8921


256.4146,
252.3798, 246.5727


 14.1522, 12.4575,
9.9964


 46.6210, 43.5612,
38.9283


 8.3090, 7.0561,
5.2910


 63.6416, 60.1768,
54.9059

 4.3468, 3.4972,
2.3573


 84.3699, 80.5570,
74.7479

 1.9001, 1.3965,
0.7631

 109.1712,
105.0861, 98.8728

 0.5769, 0.2141,
0.0000

138.4110,
134.1485, 127.6992

 0.0000, 0.0000,
0.0000

172.4546,

168.1287, 161.6456

211.6674,
207.4110, 201.1306

■ 22.2417, 20.0859,
16.8921

■ 22.2417, 20.0859,
16.8921

■ 20.0751, 16.9575,
12.4555

■ 24.7815, 23.7258,
22.1772

■ 18.2625, 14.3149,
8.8219

■ 27.7094, 27.8956,
28.3505

■ 16.7853, 12.1344,
5.9435

■ 31.0413, 32.6166,
35.4507

■ 15.6226, 10.3895,
3.7668

■ 34.7918, 37.9077,
43.5140

■ 14.7512, 9.0505,
2.2315

■ 38.9749, 43.7872,
52.5744

■ 14.1445, 8.0843,
1.2669

■ 43.6038, 50.2724,
62.6645

■ 13.7642, 7.4618,
0.7148

■ 48.6910, 57.3800,
73.8153

■ 54.2489, 65.1260,
86.0563

■ 60.2891, 73.5258,
99.4163

Harmonies

Analogous

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



22.8496, 20.0859, 21.4694



22.2417, 20.0859, 16.8921



20.7848, 20.0859, 14.0698

Triad

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



22.2417, 20.0859, 16.8921



16.1268, 20.0859, 17.4868



19.2322, 20.0859, 33.6395

Complementary

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



22.2417, 20.0859, 16.8921



22.8480, 27.0489, 35.0273

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.



17.4919, 20.0859, 32.1237



22.2417, 20.0859, 16.8921



15.7691, 20.0859, 22.2758

Square

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



22.2417, 20.0859, 16.8921



17.2629, 20.0859, 14.3724



16.2529, 20.0859, 27.7411



21.0439, 20.0859, 31.6056

Rectangle

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



22.2417, 20.0859, 16.8921



19.5703, 20.0859, 13.2865



16.2529, 20.0859, 27.7411



18.6196, 20.0859, 33.5279

Sweetspot

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



22.2422, 20.0868, 16.8925



50.2712, 50.8765, 52.1449



24.3465, 19.8804, 31.2048



11.2040, 11.2676, 11.4322



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.



22.2422, 20.0868, 16.8925



37.2821, 32.2947, 25.0123



25.1679, 25.9381, 17.8677



6.2693, 6.3436, 6.4999



11.0723, 6.0270, 0.5798



0.1800, 0.1190, 0.0135

Inverse Universe

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



22.8480, 27.0489, 35.0273



38.5288, 46.6814, 62.5160



19.5640, 20.4810, 33.9326



6.3173, 6.8919, 7.9263



11.7531, 15.9028, 27.3578



0.1921, 0.2706, 0.4145

Previews

White Background



This preview shows how the XYZ color 22.2417, 20.0859, 16.8921 looks on a white background.

Color Contrast Check

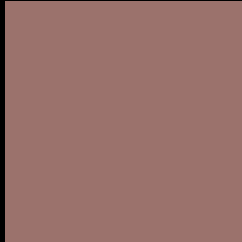
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.2417, 20.0859, 16.8921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

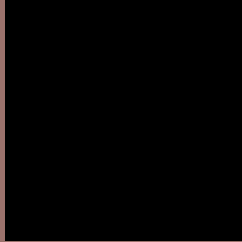
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.2417, 20.0859, 16.8921

Background



This preview shows how black text looks on a background with the XYZ color 22.2417, 20.0859, 16.8921.



This preview shows how white text looks on a background with the XYZ color 22.2417, 20.0859,

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

22.2417, 20.0859, 16.8921

Protanopia

19.2415, 20.2747, 18.5221

Deuteranopia

20.4060, 20.0060, 16.6959



Tritanopia

22.9557, 20.0367, 20.7467

Trichromacy



Original Color

22.2417, 20.0859, 16.8921

Protanomaly

20.0669, 19.9839, 17.8386

Deuteranomaly

21.0478, 19.9872, 16.6585

Tritanomaly

22.7678, 20.1391, 19.2102

Monochromacy



Original Color

22.2417, 20.0859, 16.8921

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.6058, 20.5693, 20.3370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2417, 20.0859, 16.8921 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(155, 114, 108)` looks like.

```
.text, #text, p{  
    color:rgb(155, 114, 108)  
}
```

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(155, 114, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 114, 108) }
```

Border

The CSS property to change the border of an element to XYZ 22.2417, 20.0859, 16.8921 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(155, 114, 108) }
```


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

```
.border{ border-color:rgb(155, 114, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 114, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 114, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 114, 108);  
box-shadow:4px 4px 4px 4px rgb(155, 114,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2417, 20.0859, 16.8921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 114, 108) }
```

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

```
.background{ background-color: rgb(155,  
114, 108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor