

Converting Colors

XYZ(22.3230, 20.1861, 14.2758)

Have a look what the booklet for
XYZ(22.3230, 20.1861, 14.2758)
contains.

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Color

**XYZ(22.3225, 20.1856,
14.2750)**

Conversions

Conversions Part 1

Format	Color
Hex	9E7262
RGB	158, 114, 98
RGB Percent	62%, 45%, 38%
CMY	0.3804, 0.5529, 0.6157
CMYK	0.00, 0.28, 0.38, 0.38
HSL	16°, 24%, 50%
HSV	16°, 38%, 62%
XYZ	22.3225, 20.1856, 14.2750
YIQ	125.3320, 31.3600, 4.3520

Conversions

Conversions Part 2

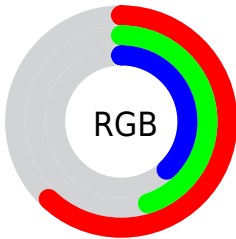
Format	Color
R _Y B	158, 120, 98
Decimal	10383970
CIE Lab	52.05, 15.18, 15.72
CIE LCh	52, 21.856, 45.992
Yxy	20.1856, 0.3931, 0.3555
Android (android.graphics.Color)	4288574050 (0xFF9E7262)
YUV	125.3320, -13.4747, 28.6498
Hunter-Lab	44.9284, 10.0624, 12.6118

Details

The XYZ color **22.3225, 20.1856, 14.2750** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.8812, 24.4104, 35.9589**, and the grayscale version is **19.6420, 20.6649, 22.5041**.

A 20% lighter version of the original color is **46.7926, 43.7385, 34.4099**, and **8.3715, 7.1387, 4.0687** is the 20% darker color. If you saturate the color by 10%, you get **20.4238, 17.4666, 10.3178**, and if you desaturate by 10%, it is **24.5351, 23.2966, 19.0639**.

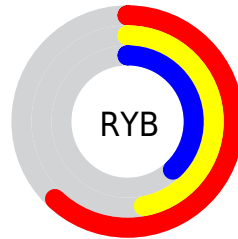
Distribution



Red (62%)

Green (45%)

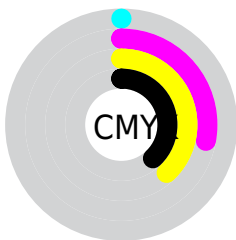
Blue (38%)



Red (62%)

Yellow (47%)

Blue (38%)

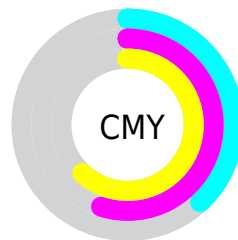


Cyan (0%)

Magenta (28%)

Yellow (38%)

Black (38%)



Cyan (38%)


Magenta (55%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.3225, 20.1856, 14.2750 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 22.3225, 20.1856, 14.2750 by changing the saturation by 10% instead.


 22.3225, 20.1856,
14.2750


 22.3225, 20.1856,
14.2750


256.8267,
252.9181, 230.4226


 14.2120, 12.5300,
8.1712


 46.7533, 43.7281,
34.3003

 8.3509, 7.1057,
4.1154


 63.8044, 60.3839,
49.0589

 4.3740, 3.5283,
1.6889

 84.5663, 80.8085,
67.5396

 1.9158, 1.4134,
0.3531

 109.4045,
105.3864, 90.1609

 0.5860, 0.2266,
0.0000

138.6842,
134.5018, 117.3413

 0.0000, 0.0000,
0.0000

172.7710,

168.5394, 149.4993

212.0300,
207.8833, 187.0536

■ 22.3225, 20.1856,
14.2750

■ 22.3225, 20.1856,
14.2750

■ 20.4238, 17.4666,
10.3178

■ 24.5351, 23.2966,
19.0639

■ 18.8226, 15.1208,
7.1430

■ 27.0738, 26.8115,
24.7272

■ 17.5032, 13.1323,
4.6983


■ 29.9522, 30.7454,
31.3063


■ 16.4477, 11.4827,
2.9242


■ 33.1825, 35.1116,
38.8396


■ 15.6359, 10.1518,
1.7515


■ 36.7763, 39.9231,
47.3632

 15.0371, 9.1142,
1.0586

 40.7447, 45.1919,
56.9113

 14.9336, 8.9352,
0.9376

 45.0984, 50.9300,
67.5166

 49.8475, 57.1485,
79.2101

 55.0017, 63.8585,
92.0219

Harmonies

Analogous

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



23.6111, 20.1856, 18.7654



22.3225, 20.1856, 14.2750



20.2428, 20.1856, 12.0852

Triad

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



22.3225, 20.1856, 14.2750



15.3181, 20.1856, 19.1375



20.3918, 20.1856, 36.0272

Complementary

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



22.3225, 20.1856, 14.2750



20.8812, 24.4104, 35.9589

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.



18.1662, 20.1856, 36.1804



22.3225, 20.1856, 14.2750



15.3512, 20.1856, 25.5393

Square

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



22.3225, 20.1856, 14.2750



16.2634, 20.1856, 14.5017



16.3576, 20.1856, 32.0498



22.4388, 20.1856, 31.6647

Rectangle

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



22.3225, 20.1856, 14.2750



18.7416, 20.1856, 11.8862



16.3576, 20.1856, 32.0498



19.6370, 20.1856, 36.5977

Sweetspot

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



22.3230, 20.1866, 14.2754



52.6300, 53.4333, 52.7935



23.3509, 17.9577, 27.8268



11.7143, 11.8403, 11.5561



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.



22.3230, 20.1866, 14.2754



37.4340, 32.2172, 19.4400



26.2785, 28.0976, 15.5939



6.7698, 6.9197, 6.9645



11.9890, 7.2137, 0.7605



0.2462, 0.1927, 0.0242

Inverse Universe

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



20.8812, 24.4104, 35.9589



34.3970, 41.0298, 64.8501



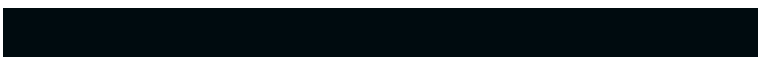
17.0030, 16.6539, 34.6662



6.6721, 7.2099, 8.4467



9.9651, 12.0217, 27.7024



0.2106, 0.2798, 0.5061

Previews

White Background



This preview shows how the XYZ color 22.3225, 20.1856, 14.2750 looks on a white background.

Color Contrast Check

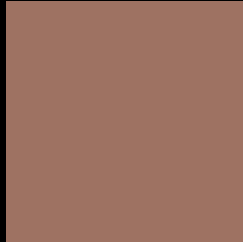
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3225, 20.1856, 14.2750 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 22.3225, 20.1856, 14.2750

Background



This preview shows how black text looks on a background with the XYZ color 22.3225, 20.1856, 14.2750.



This preview shows how white text looks on a background with the XYZ color 22.3225, 20.1856,

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

22.3225, 20.1856, 14.2750

Protanopia

19.0159, 20.2199, 15.7325

Deuteranopia

20.6086, 20.1677, 14.1158



Tritanopia

23.5114, 20.1744, 20.1076

Trichromacy



Original Color

22.3225, 20.1856, 14.2750

Protanomaly

20.0499, 20.0352, 15.1224

Deuteranomaly

21.0966, 20.0697, 14.0712

Tritanomaly

22.9615, 20.1070, 17.7098

Monochromacy



Original Color

22.3225, 20.1856, 14.2750

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.2484, 20.2309, 19.0574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3225, 20.1856, 14.2750 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(158, 114, 98)` looks like.

```
.text, #text, p{  
    color:rgb(158, 114, 98)  
}
```

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(158, 114, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 114, 98) }
```

Border

The CSS property to change the border of an element to XYZ 22.3225, 20.1856, 14.2750 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(158, 114, 98) }
```


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

```
.border{ border-color:rgb(158, 114, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 114, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 114, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 114, 98);  
box-shadow:4px 4px 4px 4px rgb(158, 114,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3225, 20.1856, 14.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 114, 98) }
```

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

```
.background{ background-color: rgb(158,  
114, 98) }
```

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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