

Converting Colors

XYZ(22.4859, 20.3814, 18.6689)

Have a look what the booklet for
XYZ(22.4859, 20.3814, 18.6689)
contains.

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Color

**XYZ(22.4944, 20.3464,
18.6613)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7372
RGB	154, 115, 114
RGB Percent	60%, 45%, 45%
CMY	0.3961, 0.5490, 0.5529
CMYK	0.00, 0.25, 0.26, 0.40
HSL	2°, 17%, 53%
HSV	2°, 26%, 60%
XYZ	22.4944, 20.3464, 18.6613
YIQ	126.5470, 23.5650, 7.9570

Conversions

Conversions Part 2

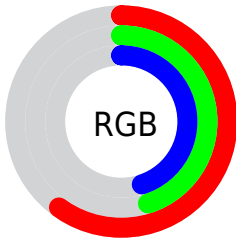
Format	Color
RYB	154, 115, 114
Decimal	10122098
CIELab	52.23, 15.20, 6.54
CIElCh	52, 16.544, 23.278
Yxy	20.3464, 0.3658, 0.3308
Android (android.graphics.Color)	4288312178 (0xFF9A7372)
YUV	126.5470, -6.1857, 24.0763
Hunter-Lab	45.1070, 10.0789, 7.0459

Details

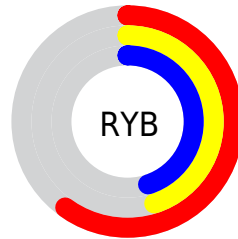
The XYZ color **22.4944, 20.3464, 18.6613** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.1631, 28.6921, 34.8365**, and the grayscale version is **20.0329, 21.0762, 22.9520**.

A 20% lighter version of the original color is **46.9961, 43.9459, 42.0818**, and **8.4700, 7.2324, 6.1038** is the 20% darker color. If you saturate the color by 10%, you get **20.1158, 16.8757, 13.9017**, and if you desaturate by 10%, it is **25.3006, 24.4357, 24.2920**.

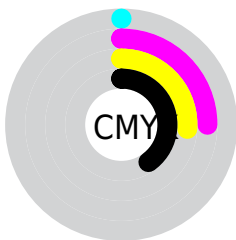
Distribution



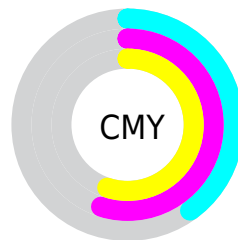
- Red (60%)
- Green (45%)
- Blue (45%)



- Red (60%)
- Yellow (45%)
- Blue (45%)



- Cyan (0%)
- Magenta (25%)
- Yellow (26%)
- Black (40%)





- Cyan (40%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4944, 20.3464, 18.6613 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 22.4944, 20.3464, 18.6613 by changing the saturation by 10% instead.


 22.4944, 20.3464,
18.6613


 22.4944, 20.3464,
18.6613


257.7015,
253.7843, 256.9326


 14.3393, 12.6471,
11.2515


 47.0346, 43.9972,
41.9900


 8.4403, 7.1860,
6.1199


 64.1503, 60.7175,
58.7460

 4.4321, 3.5787,
2.8482


 84.9837, 81.2135,
79.4545

 1.9494, 1.4408,
1.0176

 109.8999,
105.8697, 104.5339

 0.6053, 0.2465,
0.0000

139.2645,
135.0705, 134.4029

 0.0000, 0.0000,
0.0000

173.4427,

169.2003, 169.4800

212.7999,
208.6434, 210.1837

■ 22.4944, 20.3464,
18.6613

■ 22.4944, 20.3464,
18.6613

■ 20.1158, 16.8757,
13.9017

■ 25.3006, 24.4357,
24.2920

■ 18.1422, 13.9909,
9.9687

■ 28.5522, 29.1687,
30.8330

■ 16.5516, 11.6606,
6.8154

■ 32.2679, 34.5725,
38.3225

■ 15.3191, 9.8491,
4.3900

■ 36.4650, 40.6719,
46.7962

■ 14.4170, 8.5168,
2.6344

■ 41.1598, 47.4903,
56.2880

■ 13.8134, 7.6183,
1.4815

■ 46.3680, 55.0501,
66.8302

■ 13.4679, 7.0987,
0.8384

■ 52.1043, 63.3727,
78.4535

■ 13.3683, 6.9539,
0.6376

■ 58.3831, 72.4786,
91.1875

■ 65.2181, 82.3876,
105.0607

Harmonies

Analogous

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



22.7645, 20.3464, 23.2660



22.4944, 20.3464, 18.6613



21.3566, 20.3464, 15.4743

Triad

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



22.4944, 20.3464, 18.6613



16.8387, 20.3464, 17.0215



18.9591, 20.3464, 32.7939

Complementary

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



22.4944, 20.3464, 18.6613



24.1631, 28.6921, 34.8365

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.



17.4520, 20.3464, 30.5225



22.4944, 20.3464, 18.6613



16.2750, 20.3464, 21.0775

Square

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



22.4944, 20.3464, 18.6613



18.0773, 20.3464, 14.6289



16.4928, 20.3464, 26.0569



20.6574, 20.3464, 31.8974

Rectangle

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



22.4944, 20.3464, 18.6613



20.2930, 20.3464, 14.3534



16.4928, 20.3464, 26.0569



18.4147, 20.3464, 32.3658

Sweetspot

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



22.4950, 20.3473, 18.6617



50.5046, 51.0044, 53.2670



25.1212, 21.2158, 33.0526



11.2345, 11.2580, 11.6603



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.



22.4950, 20.3473, 18.6617



38.3299, 33.2662, 28.8271



24.9814, 25.3202, 19.4905



6.2206, 6.2463, 6.4836



10.8956, 5.6735, 0.5208



0.1658, 0.0906, 0.0088

Inverse Universe

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



24.1631, 28.6921, 34.8365



41.8706, 50.9821, 63.1700



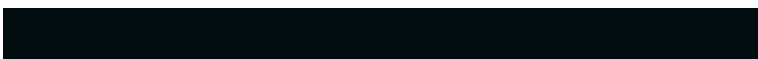
21.2056, 22.7772, 33.8507



6.3713, 7.0000, 7.9443



13.6599, 19.7164, 27.9934



0.2078, 0.3019, 0.4197

Previews

White Background



This preview shows how the XYZ color 22.4944, 20.3464, 18.6613 looks on a white background.

Color Contrast Check

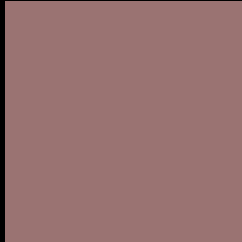
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4944, 20.3464, 18.6613 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 22.4944, 20.3464, 18.6613

Background



This preview shows how black text looks on a background with the XYZ color 22.4944, 20.3464, 18.6613.



This preview shows how white text looks on a background with the XYZ color 22.4944, 20.3464,

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

22.4944, 20.3464, 18.6613

Protanopia

19.4395, 20.3364, 20.3535

Deuteranopia

20.6816, 20.2879, 18.4487



Tritanopia

23.0477, 20.4083, 21.1368

Trichromacy



Original Color

22.4944, 20.3464, 18.6613

Protanomaly

20.3648, 20.2775, 19.6702

Deuteranomaly

21.3131, 20.2601, 18.4101

Tritanomaly

22.8647, 20.3351, 20.1727

Monochromacy



Original Color

22.4944, 20.3464, 18.6613

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.9123, 20.8894, 21.3422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4944, 20.3464, 18.6613 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(154, 115, 114)` looks like.

```
.text, #text, p{  
    color:rgb(154, 115, 114)  
}
```

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(154, 115, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 115, 114) }
```

Border

The CSS property to change the border of an element to XYZ 22.4944, 20.3464, 18.6613 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(154, 115, 114) }
```


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

```
.border{ border-color:rgb(154, 115, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 115, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 115, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 115, 114);  
box-shadow:4px 4px 4px 4px rgb(154, 115,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4944, 20.3464, 18.6613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 115, 114) }
```

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

```
.background{ background-color: rgb(154,  
115, 114) }
```

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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