

Converting Colors

XYZ(22.5610, 20.8482, 14.4365)

Have a look what the booklet for
XYZ(22.5610, 20.8482, 14.4365)
contains.

XYZ(22.4705, 20.7725, 14.3804)	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(22.4705, 20.7725,
14.3804)**

Conversions

Conversions Part 1

Format	Color
Hex	9D7562
RGB	157, 117, 98
RGB Percent	62%, 46%, 38%
CMY	0.3843, 0.5412, 0.6157
CMYK	0.00, 0.25, 0.38, 0.38
HSL	19°, 23%, 50%
HSV	19°, 38%, 62%
XYZ	22.4705, 20.7725, 14.3804
YIQ	126.7940, 29.9390, 2.5710

Conversions

Conversions Part 2

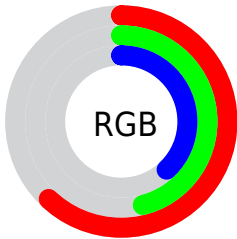
Format	Color
R_{YB}	157, 126, 98
Decimal	10319202
CIE Lab	52.70, 13.05, 16.60
CIE LCh	53, 21.112, 51.823
Yxy	20.7725, 0.3900, 0.3605
Android (android.graphics.Color)	4288509282 (0xFF9D7562)
YUV	126.7940, -14.1954, 26.4907
Hunter-Lab	45.5769, 8.2453, 13.1966

Details

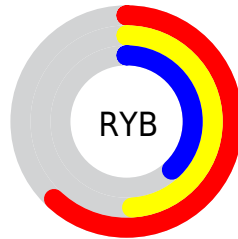
The XYZ color **22.4705, 20.7725, 14.3804** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.2109, 23.2071, 35.3125**, and the grayscale version is **20.1425, 21.1915, 23.0775**.

A 20% lighter version of the original color is **47.0534, 44.6920, 34.5802**, and **8.4346, 7.4383, 4.1232** is the 20% darker color. If you saturate the color by 10%, you get **20.6304, 18.1645, 10.4616**, and if you desaturate by 10%, it is **24.5981, 23.7227, 19.1129**.

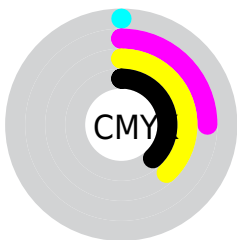
Distribution



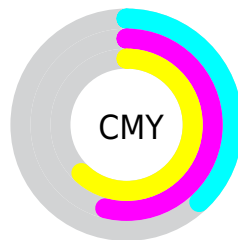
- Red (62%)
- Green (46%)
- Blue (38%)



- Red (62%)
- Yellow (49%)
- Blue (38%)



- Cyan (0%)
- Magenta (25%)
- Yellow (38%)
- Black (38%)



- Cyan (38%)
- Magenta (54%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4705, 20.7725, 14.3804 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 22.4705, 20.7725, 14.3804 by changing the saturation by 10% instead.

■ 22.4705, 20.7725,
14.3804

■ 22.4705, 20.7725,
14.3804

257.5800,
256.0670, 231.0948

■ 14.3216, 12.9578,
8.2439

■ 46.9955, 44.7086,
34.4893

■ 8.4278, 7.3995,
4.1614

■ 64.1023, 61.5988,
49.2988

■ 4.4240, 3.7132,
1.7143

■ 84.9257, 82.2830,
67.8364

■ 1.9447, 1.5144,
0.3705

■ 109.8311,
107.1455, 90.5206

■ 0.6026, 0.2989,
0.0000

139.1839,
136.5707, 117.7700

■ 0.0000, 0.0000,
0.0000

173.3494,

170.9432, 150.0032

212.6930,
210.6471, 187.6386

■ 22.4705, 20.7725,
14.3804

■ 22.4705, 20.7725,
14.3804

■ 20.6304, 18.1645,
10.4616

■ 24.5981, 23.7227,
19.1129

■ 19.0630, 15.8829,
7.3086

■ 27.0240, 27.0241,
24.7007

■ 17.7544, 13.9150,
4.8706

■ 29.7602, 30.6894,
31.1840

■ 16.6887, 12.2460,
3.0899

■ 32.8176, 34.7293,
38.6000

■ 15.8480, 10.8598,
1.8996

■ 36.2067, 39.1545,
46.9839

■ 15.2052, 9.7359,
1.1870

■ 39.9373, 43.9748,
56.3690

■ 15.0697, 9.4982,
1.0391

■ 44.0189, 49.2000,
66.7871

■ 48.4606, 54.8394,
78.2684

■ 53.2711, 60.9019,
90.8421

Harmonies

Analogous

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



23.9291, 20.7725, 18.4132



22.4705, 20.7725, 14.3804



20.3504, 20.7725, 12.6344

Triad

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



22.4705, 20.7725, 14.3804



15.8517, 20.7725, 20.9408



21.3554, 20.7725, 35.8053

Complementary

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



22.4705, 20.7725, 14.3804



20.2109, 23.2071, 35.3125

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.



19.1491, 20.7725, 36.8251



22.4705, 20.7725, 14.3804



16.0771, 20.7725, 27.4180

Square

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



22.4705, 20.7725, 14.3804



16.6066, 20.7725, 15.9357



17.2468, 20.7725, 33.5192



23.2528, 20.7725, 30.9468

Rectangle

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



22.4705, 20.7725, 14.3804



18.8910, 20.7725, 12.7253



17.2468, 20.7725, 33.5192



20.6216, 20.7725, 36.6405

Sweetspot

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



22.4710, 20.7735, 14.3808



51.4519, 52.5006, 51.4397



22.8828, 17.7478, 26.3848



11.1871, 11.3723, 10.9995



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.



22.4710, 20.7735, 14.3808



37.4762, 33.2888, 19.8379



26.4165, 28.6643, 15.6960



6.7988, 6.9776, 6.9741



12.2699, 7.7754, 0.8541



0.2554, 0.2111, 0.0273

Inverse Universe

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



20.2109, 23.2071, 35.3125



32.8263, 38.2567, 62.7809



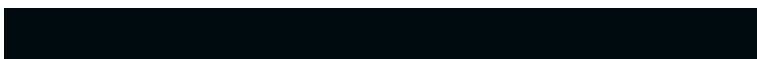
16.5721, 15.9294, 34.0995



6.6416, 7.1489, 8.4365



9.1995, 10.4905, 27.4472



0.2010, 0.2605, 0.5029

Previews

White Background



This preview shows how the XYZ color 22.4705, 20.7725, 14.3804 looks on a white background.

Color Contrast Check

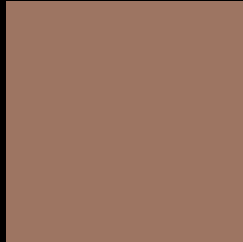
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4705, 20.7725, 14.3804 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 22.4705, 20.7725, 14.3804

Background



This preview shows how black text looks on a background with the XYZ color 22.4705, 20.7725, 14.3804.



This preview shows how white text looks on a background with the XYZ color 22.4705, 20.7725,

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

22.4705, 20.7725, 14.3804

Protanopia

19.6906, 20.9494, 15.5762

Deuteranopia

21.2078, 20.8337, 14.2128



Tritanopia

23.8282, 20.8107, 21.1733

Trichromacy



Original Color

22.4705, 20.7725, 14.3804

Protanomaly

20.5873, 20.8563, 15.2525

Deuteranomaly

21.6366, 20.8753, 14.1982

Tritanomaly

23.2119, 20.7228, 18.3993

Monochromacy



Original Color

22.4705, 20.7725, 14.3804

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.7166, 20.8301, 19.4517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4705, 20.7725, 14.3804 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(157, 117, 98)` looks like.

```
.text, #text, p{  
    color:rgb(157, 117, 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(157, 117, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 117, 98) }
```

Border

The CSS property to change the border of an element to XYZ 22.4705, 20.7725, 14.3804 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(157, 117, 98) }
```


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

```
.border{ border-color:rgb(157, 117, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 117, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 117, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 117, 98);  
box-shadow:4px 4px 4px 4px rgb(157, 117,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4705, 20.7725, 14.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 117, 98) }
```

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

```
.background{ background-color: rgb(157,  
117, 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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