

Converting Colors

XYZ(22.5317, 24.5946, 17.1954)

Have a look what the booklet for
XYZ(22.5317, 24.5946, 17.1954)
contains.

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Color

**XYZ(22.5317, 24.5946,
17.1954)**

Conversions

Conversions Part 1

Format	Color
Hex	8D896A
RGB	141, 137, 106
RGB Percent	55%, 54%, 42%
CMY	0.4471, 0.4627, 0.5843
CMYK	0.00, 0.03, 0.25, 0.45
HSL	53°, 14%, 48%
HSV	53°, 25%, 55%
XYZ	22.5317, 24.5946, 17.1954
YIQ	134.6620, 12.3350, -8.7930

Conversions

Conversions Part 2

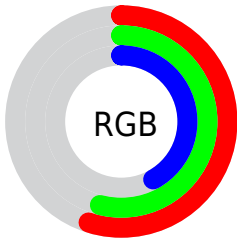
Format	Color
R_{YB}	111, 141, 106
Decimal	9275754
CIE Lab	56.68, -3.82, 17.20
CIE LCh	57, 17.621, 102.520
Yxy	24.5946, 0.3503, 0.3824
Android (android.graphics.Color)	4287465834 (0xFF8D896A)
YUV	134.6620, -14.1304, 5.5584
Hunter-Lab	49.5929, -5.6892, 14.1574

Details

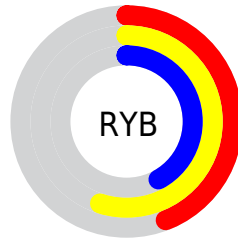
The XYZ color **22.5317, 24.5946, 17.1954** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.3276, 16.1389, 27.4541**, and the grayscale version is **22.9519, 24.1472, 26.2963**.

A 20% lighter version of the original color is **47.0049, 50.8633, 39.2385**, and **8.3884, 9.2955, 5.3551** is the 20% darker color. If you saturate the color by 10%, you get **21.6310, 23.8716, 13.5702**, and if you desaturate by 10%, it is **23.5577, 25.3749, 21.4578**.

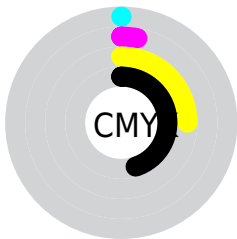
Distribution



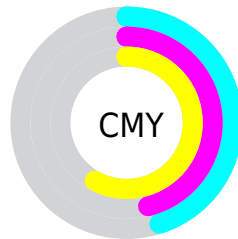
- Red (55%)
- Green (54%)
- Blue (42%)



- Red (44%)
- Yellow (55%)
- Blue (42%)



- Cyan (0%)
- Magenta (3%)
- Yellow (25%)
- Black (45%)



- Cyan (45%)
- Magenta (46%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5317, 24.5946, 17.1954 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 22.5317, 24.5946, 17.1954 by changing the saturation by 10% instead.

■ 22.5317, 24.5946,
17.1954

■ 22.5317, 24.5946,
17.1954

257.8910,
275.8130, 248.3779

■ 14.3669, 15.7753,
10.2105

■ 47.0956, 50.9988,
39.4567

■ 8.4597, 9.3653,
5.4313

■ 64.2253, 69.3524,
55.5701

■ 4.4447, 4.9802,
2.4394

■ 85.0741, 91.6530,
75.5635

■ 1.9567, 2.2356,
0.8078

■ 110.0073,
118.2848, 99.8553

■ 0.6095, 0.7393,
0.0000

139.3902,
149.6323, 128.8641

■ 0.0000, 0.0000,
0.0000

173.5882,

186.0799, 163.0084

212.9667,
228.0120, 202.7068

■ 22.5317, 24.5946,
17.1954

■ 22.5317, 24.5946,
17.1954

■ 21.6310, 23.8716,
13.5702

■ 23.5577, 25.3749,
21.4578

■ 20.8477, 23.2002,
10.5497

■ 24.7126, 26.2113,
26.3848

■ 20.1762, 22.5789,
8.1008

■ 26.0022, 27.1072,
32.0040

■ 19.6094, 22.0049,
6.1865

■ 27.4313, 28.0644,
38.3411

■ 19.1394, 21.4750,
4.7657

■ 29.0046, 29.0849,
45.4203

■ 18.7573, 20.9855,
3.7911

■ 30.7265, 30.1703,
53.2647

■ 18.4511, 20.5318,
3.2002

■ 32.6013, 31.3225,
61.8966

■ 18.3052, 20.3041,
2.9543

■ 34.6328, 32.5431,
71.3372

■ 36.8252, 33.8336,
81.6070

Harmonies

Analogous

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



24.5815, 24.5946, 17.3844



22.5317, 24.5946, 17.1954



20.8105, 24.5946, 19.2859

Triad

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



22.5317, 24.5946, 17.1954



20.5879, 24.5946, 35.1632



27.3444, 24.5946, 30.3181

Complementary

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



22.5317, 24.5946, 17.1954



16.3276, 16.1389, 27.4541

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.



26.1451, 24.5946, 35.9988



22.5317, 24.5946, 17.1954



22.2114, 24.5946, 39.0648

Square

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



22.5317, 24.5946, 17.1954



19.7331, 24.5946, 29.3037



24.2420, 24.5946, 39.3913



27.4426, 24.5946, 24.4043

Rectangle

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



22.5317, 24.5946, 17.1954



20.0486, 24.5946, 21.8972



24.2420, 24.5946, 39.3913



27.0536, 24.5946, 32.3380

Sweetspot

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



22.5323, 24.5957, 17.1959



43.7532, 46.5818, 45.0874



18.9579, 17.0988, 17.0772



9.7496, 10.3878, 9.9726



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.5323, 24.5957, 17.1959



39.3854, 43.2800, 26.8800



20.9662, 24.6476, 17.2885



5.7877, 6.1817, 5.7775



16.6981, 18.5279, 2.6962



0.1693, 0.1965, 0.0290

Inverse Universe

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



16.3276, 16.1389, 27.4541



26.2279, 25.3487, 48.6383



17.6272, 16.1830, 27.3941



5.1761, 5.3481, 6.7882



4.5608, 2.1076, 23.1435



0.0514, 0.0357, 0.2239

Previews

White Background



This preview shows how the XYZ color 22.5317, 24.5946, 17.1954 looks on a white background.

Color Contrast Check

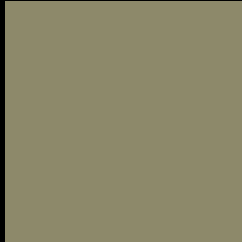
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5317, 24.5946, 17.1954 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

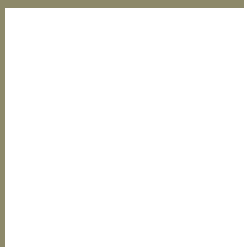
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5317, 24.5946, 17.1954

Background



This preview shows how black text looks on a background with the XYZ color 22.5317, 24.5946, 17.1954.



This preview shows how white text looks on a background with the XYZ color 22.5317, 24.5946,

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

22.5317, 24.5946, 17.1954

Protanopia

23.0310, 24.6480, 16.9083

Deuteranopia

25.0682, 24.6651, 17.3495



Tritanopia

24.9878, 24.5665, 29.0160

Trichromacy



Original Color

22.5317, 24.5946, 17.1954

Protanomaly

22.8556, 24.5575, 16.9001

Deuteranomaly

23.9903, 24.5120, 17.3768

Tritanomaly

23.9891, 24.5645, 24.2459

Monochromacy



Original Color

22.5317, 24.5946, 17.1954

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.7588, 24.3819, 22.5754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5317, 24.5946, 17.1954 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(141, 137, 106)` looks like.

```
.text, #text, p{  
    color:rgb(141, 137, 106)  
}
```

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(141, 137, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 137, 106) }
```

Border

The CSS property to change the border of an element to XYZ 22.5317, 24.5946, 17.1954 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(141, 137, 106) }
```


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

```
.border{ border-color:rgb(141, 137, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 137, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 137, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 137, 106);  
box-shadow:4px 4px 4px 4px rgb(141, 137,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5317, 24.5946, 17.1954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 137, 106) }
```

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

```
.background{ background-color: rgb(141,  
137, 106) }
```

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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