

Converting Colors

XYZ(22.4083, 25.6057, 11.6516)

Have a look what the booklet for
XYZ(22.4083, 25.6057, 11.6516)
contains.

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Color

**XYZ(22.3756, 25.4986,
11.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8D52
RGB	143, 141, 82
RGB Percent	56%, 55%, 32%
CMY	0.4392, 0.4470, 0.6784
CMYK	0.00, 0.01, 0.43, 0.44
HSL	58°, 27%, 44%
HSV	58°, 43%, 56%
XYZ	22.3756, 25.4986, 11.7250
YIQ	134.8720, 20.1310, -17.9250

Conversions

Conversions Part 2

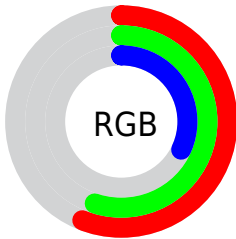
Format	Color
RYB	84, 143, 82
Decimal	9407826
CIELab	57.56, -8.33, 31.67
CIELCh	58, 32.750, 104.732
Yxy	25.4986, 0.3754, 0.4278
Android (android.graphics.Color)	4287597906 (0xFF8F8D52)
YUV	134.8720, -26.0659, 7.1283
Hunter-Lab	50.4961, -9.2722, 21.5804

Details

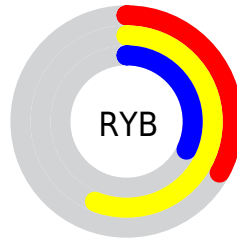
The XYZ color **22.3756, 25.4986, 11.7250** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.6079, 10.1174, 27.3278**, and the grayscale version is **23.0706, 24.2720, 26.4322**.

A 20% lighter version of the original color is **46.9687, 52.7019, 29.5268**, and **8.3588, 9.8277, 3.0465** is the 20% darker color. If you saturate the color by 10%, you get **21.8186, 25.1665, 9.1289**, and if you desaturate by 10%, it is **23.0476, 25.8790, 14.9197**.

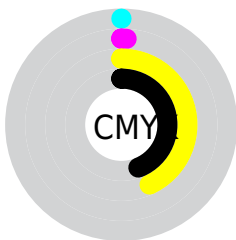
Distribution



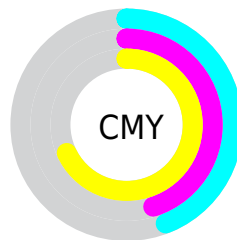
- Red (56%)
- Green (55%)
- Blue (32%)



- Red (33%)
- Yellow (56%)
- Blue (32%)



- Cyan (0%)
- Magenta (1%)
- Yellow (43%)
- Black (44%)



- Cyan (44%)
- Magenta (45%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3756, 25.4986, 11.7250 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 22.3756, 25.4986, 11.7250 by changing the saturation by 10% instead.

■ 22.3756, 25.4986,
11.7250

■ 22.3756, 25.4986,
11.7250

257.0972,
280.3120, 213.4890

■ 14.2513, 16.4489,
6.4365

■ 46.8402, 52.4650,
29.6501

■ 8.3785, 9.8424,
3.0392

■ 63.9113, 71.1504,
43.1238

■ 4.3919, 5.2946,
1.1147

■ 84.6953, 93.8166,
60.1629

■ 1.9262, 2.4211,
0.0000

■ 109.5576,
120.8479, 81.1860

■ 0.5920, 0.8367,
0.0000

■ 138.8636,
152.6287, 106.6116

■ 0.0000, 0.0000,
0.0000

172.9786,

189.5433, 136.8583

212.2680,
231.9763, 172.3446

■ 22.3756, 25.4986,
11.7250

■ 22.3756, 25.4986,
11.7250

■ 21.8186, 25.1665,
9.1289

■ 23.0476, 25.8790,
14.9197

■ 21.3676, 24.8764,
7.0922

■ 23.8391, 26.3067,
18.7454

■ 21.0153, 24.6262,
5.5740

■ 24.7569, 26.7854,
23.2344

■ 20.7528, 24.4124,
4.5268

■ 25.8065, 27.3173,
28.4160

■ 20.5693, 24.2307,
3.8946

■ 26.9932, 27.9045,
34.3181

■ 20.4622, 24.1086,
3.5750

■ 28.3219, 28.5490,
40.9668

■ 29.7975, 29.2527,
48.3869

■ 31.4243, 30.0174,
56.6023

■ 33.2067, 30.8447,
65.6356

Harmonies

Analogous

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



26.2676, 25.4986, 11.7543



22.3756, 25.4986, 11.7250



19.3251, 25.4986, 15.1157

Triad

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



22.3756, 25.4986, 11.7250



19.2824, 25.4986, 45.8185



32.2265, 25.4986, 33.8213

Complementary

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



22.3756, 25.4986, 11.7250



11.6079, 10.1174, 27.3278

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.



29.9147, 25.4986, 46.0175



22.3756, 25.4986, 11.7250



22.3113, 25.4986, 54.1107

Square

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



22.3756, 25.4986, 11.7250



17.6739, 25.4986, 33.6001



26.1960, 25.4986, 54.1920



32.2485, 25.4986, 22.6455

Rectangle

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



22.3756, 25.4986, 11.7250



18.0588, 25.4986, 19.5576



26.1960, 25.4986, 54.1920



31.6812, 25.4986, 37.9936

Sweetspot

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



22.3762, 25.4998, 11.7255



44.2273, 47.9127, 41.0764



15.9467, 12.5151, 9.9698



10.0625, 10.9463, 9.0282



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.3762, 25.4998, 11.7255



39.1260, 45.1016, 16.5892



18.3547, 23.8675, 11.6224



5.8246, 6.2556, 5.7898



18.0955, 21.3226, 3.1619



0.1761, 0.2100, 0.0313

Inverse Universe

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



11.6079, 10.1174, 27.3278



17.2456, 13.8491, 48.3022



14.4641, 11.3631, 27.4176



5.1429, 5.2815, 6.7771



4.4318, 1.8495, 23.1005



0.0446, 0.0222, 0.2216

Previews

White Background



This preview shows how the XYZ color 22.3756, 25.4986, 11.7250 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 22.3756, 25.4986, 11.7250 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 22.3756, 25.4986, 11.7250

Background



This preview shows how black text looks on a background with the XYZ color 22.3756, 25.4986, 11.7250.



This preview shows how white text looks on a background with the XYZ color 22.3756, 25.4986,

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

22.3756, 25.4986, 11.7250

Protanopia

23.3362, 25.3503, 11.4477

Deuteranopia

25.7878, 25.3581, 11.9229



Tritanopia

26.1368, 25.5478, 29.9392

Trichromacy



Original Color

22.3756, 25.4986, 11.7250

Protanomaly

22.9306, 25.3552, 11.4701

Deuteranomaly

24.3259, 25.2216, 11.7698

Tritanomaly

24.4295, 25.4748, 21.7187

Monochromacy



Original Color

22.3756, 25.4986, 11.7250

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.5793, 24.5555, 20.0726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3756, 25.4986, 11.7250 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(143, 141, 82)` looks like.

```
.text, #text, p{  
    color:rgb(143, 141, 82)  
}
```

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(143, 141, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 141, 82) }
```

Border

The CSS property to change the border of an element to XYZ 22.3756, 25.4986, 11.7250 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(143, 141, 82) }
```


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

```
.border{ border-color:rgb(143, 141, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 141, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 141, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 141, 82);  
box-shadow:4px 4px 4px 4px rgb(143, 141,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3756, 25.4986, 11.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 141, 82) }
```

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

```
.background{ background-color: rgb(143,  
141, 82) }
```

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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