

Converting Colors

XYZ(22.7884, 26.5783, 23.3989)

Have a look what the booklet for
XYZ(22.7884, 26.5783, 23.3989)
contains.

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Color

**XYZ(22.7330, 26.5505,
23.3286)**

Conversions

Conversions Part 1

Format	Color
Hex	7F927D
RGB	127, 146, 125
RGB Percent	50%, 57%, 49%
CMY	0.5020, 0.4274, 0.5098
CMYK	0.13, 0.00, 0.14, 0.43
HSL	114°, 9%, 53%
HSV	114°, 14%, 57%
XYZ	22.7330, 26.5505, 23.3286
YIQ	137.9250, -4.5830, -10.5590

Conversions

Conversions Part 2

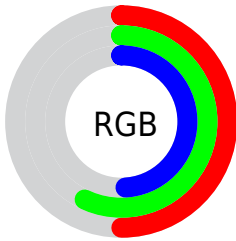
Format	Color
R_{YB}	125, 146, 144
Decimal	8360573
CIE _{Lab}	58.56, -10.99, 8.87
CIE _{LCh}	59, 14.126, 141.108
Yxy	26.5505, 0.3131, 0.3656
Android (android.graphics.Color)	4286550653 (0xFF7F927D)
YUV	137.9250, -6.3720, -9.5812
Hunter-Lab	51.5272, -11.4211, 9.2259

Details

The XYZ color **22.7330, 26.5505, 23.3286** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.0245, 22.6725, 30.3055**, and the grayscale version is **24.1543, 25.4122, 27.6739**.

A 20% lighter version of the original color is **47.5125, 54.2262, 50.0820**, and **8.5386, 10.3259, 8.3805** is the 20% darker color. If you saturate the color by 10%, you get **20.0281, 25.2568, 18.6860**, and if you desaturate by 10%, it is **25.8345, 28.0343, 28.7067**.

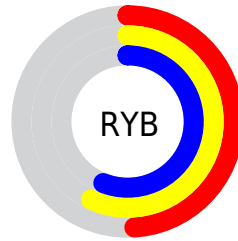
Distribution



Red (50%)

Green (57%)

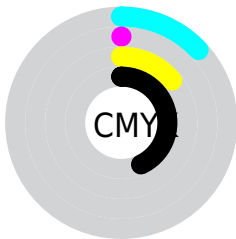
Blue (49%)



Red (49%)

Yellow (57%)

Blue (56%)

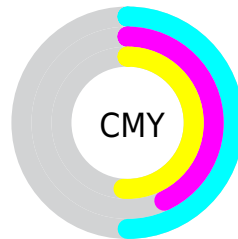


Cyan (13%)

Magenta (0%)

Yellow (14%)

Black (43%)



Cyan (50%)

Magenta (43%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7330, 26.5505, 23.3286 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 22.7330, 26.5505, 23.3286 by changing the saturation by 10% instead.

■ 22.7330, 26.5505,
23.3286

■ 22.7330, 26.5505,
23.3286

258.9117,
285.4741, 282.5847

■ 14.5161, 17.2359,
14.6288

■ 47.4244, 54.1617,
49.8623

■ 8.5646, 10.4028,
8.4155

■ 64.6297, 73.2271,
68.5333

■ 4.5131, 5.6669,
4.2704

■ 85.5617, 96.3116,
91.3651

■ 1.9963, 2.6436,
1.7748

110.5859,
123.7996, 118.7762

■ 0.6319, 0.9486,
0.4113

140.0677,
156.0755, 151.1852

■ 0.0000, 0.0000,
0.0000

174.3723,

193.5235, 189.0105

213.8652,
236.5283, 232.6709

■ 22.7330, 26.5505,
23.3286

■ 22.7330, 26.5505,
23.3286

■ 20.0281, 25.2568,
18.6860

■ 25.8345, 28.0343,
28.7067

■ 17.7016, 24.1423,
14.7452

■ 29.3455, 29.7120,
34.8483

■ 15.7374, 23.2001,
11.4726

■ 33.2808, 31.5913,
41.7824

■ 14.1170, 22.4215,
8.8312

■ 37.6540, 33.6787,
49.5357

■ 12.8207, 21.7973,
6.7803

■ 42.4781, 35.9803,
58.1338

■ 11.8264, 21.3170,
5.2746

■ 47.7654, 38.5020,
67.6011

■ 11.1094, 20.9691,
4.2620

■ 53.5279, 41.2493,
77.9611

■ 10.6404, 20.7398,
3.6778

■ 59.7771, 44.2278,
89.2362

■ 10.4590, 20.6514,
3.4349

■ 66.2971, 47.3519,
100.2533

Harmonies

Analogous

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



24.0559, 26.5505, 20.8984



22.7330, 26.5505, 23.3286



22.0884, 26.5505, 27.4607

Triad

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



22.7330, 26.5505, 23.3286



24.7245, 26.5505, 39.3840



28.4690, 26.5505, 25.6109

Complementary

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



22.7330, 26.5505, 23.3286



24.0245, 22.6725, 30.3055

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.



28.6680, 26.5505, 30.4074



22.7330, 26.5505, 23.3286



26.4529, 26.5505, 38.7425

Square

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



22.7330, 26.5505, 23.3286



23.2032, 26.5505, 36.9792



27.9151, 26.5505, 35.3151



27.3830, 26.5505, 22.1076

Rectangle

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



22.7330, 26.5505, 23.3286



22.1089, 26.5505, 30.7842



27.9151, 26.5505, 35.3151



28.6437, 26.5505, 27.1115

Sweetspot

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



22.7337, 26.5516, 23.3292



45.7501, 49.5381, 50.9484



25.5150, 27.5092, 23.3674



10.0882, 10.9775, 11.1782



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.



22.7337, 26.5516, 23.3292



38.6191, 46.1279, 38.5970



22.9985, 26.6235, 26.2629



5.7778, 6.4933, 6.1893



9.2131, 18.1774, 3.0230



0.1229, 0.2277, 0.0375

Inverse Universe

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



24.0245, 22.6725, 30.3055



41.3093, 38.0417, 53.1391



23.7471, 22.6023, 27.0052



5.9815, 5.8814, 7.2897



12.9630, 6.1552, 24.4359



0.1714, 0.0819, 0.2997

Previews

White Background



This preview shows how the XYZ color 22.7330, 26.5505, 23.3286 looks on a white background.

Color Contrast Check

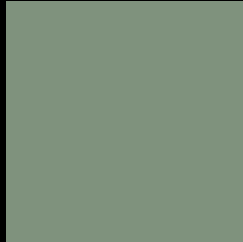
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.7330, 26.5505, 23.3286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

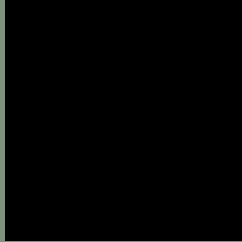
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.7330, 26.5505, 23.3286

Background



This preview shows how black text looks on a background with the XYZ color 22.7330, 26.5505, 23.3286.



This preview shows how white text looks on a background with the XYZ color 22.7330, 26.5505,

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

22.7330, 26.5505, 23.3286

Protanopia

24.9236, 26.3644, 22.1876

Deuteranopia

26.9330, 26.5116, 23.7764



Tritanopia

24.9385, 26.5514, 33.9475

Trichromacy



Original Color

22.7330, 26.5505, 23.3286

Protanomaly

24.0634, 26.3515, 22.5570

Deuteranomaly

25.1766, 26.4656, 23.5201

Tritanomaly

23.9863, 26.3739, 29.8131

Monochromacy



Original Color

22.7330, 26.5505, 23.3286

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.5900, 25.8115, 25.9291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7330, 26.5505, 23.3286 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(127, 146, 125)` looks like.

```
.text, #text, p{  
    color:rgb(127, 146, 125)  
}
```

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(127, 146, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 146, 125) }
```

Border

The CSS property to change the border of an element to XYZ 22.7330, 26.5505, 23.3286 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(127, 146, 125) }
```


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

```
.border{ border-color:rgb(127, 146, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 146, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 146, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 146, 125);  
box-shadow:4px 4px 4px 4px rgb(127, 146,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7330, 26.5505, 23.3286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 146, 125) }
```

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

```
.background{ background-color: rgb(127,  
146, 125) }
```

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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