

Converting Colors

XYZ(22.7114, 23.6328, 13.4125)

Have a look what the booklet for
XYZ(22.7114, 23.6328, 13.4125)
contains.

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Color

**XYZ(22.6257, 23.4893,
13.4666)**

Conversions

Conversions Part 1

Format	Color
Hex	96835C
RGB	150, 131, 92
RGB Percent	59%, 51%, 36%
CMY	0.4118, 0.4863, 0.6392
CMYK	0.00, 0.13, 0.39, 0.41
HSL	40°, 24%, 47%
HSV	40°, 39%, 59%
XYZ	22.6257, 23.4893, 13.4666
YIQ	132.2350, 23.8430, -8.1010

Conversions

Conversions Part 2

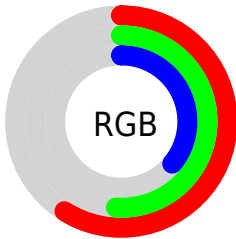
Format	Color
R_{YB}	120, 150, 92
Decimal	9864028
CIE _{Lab}	55.57, 1.37, 23.75
CIE _{LCh}	56, 23.795, 86.688
Yxy	23.4893, 0.3797, 0.3942
Android (android.graphics.Color)	4288054108 (0xFF96835C)
YUV	132.2350, -19.8359, 15.5799
Hunter-Lab	48.4658, -1.4843, 17.4518

Details

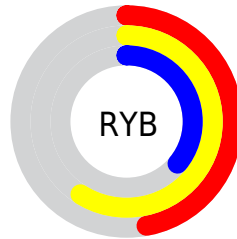
The XYZ color **22.6257, 23.4893, 13.4666** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.6029, 15.8457, 31.0902**, and the grayscale version is **22.0808, 23.2307, 25.2982**.

A 20% lighter version of the original color is **47.2753, 49.2433, 32.9998**, and **8.5280, 8.8207, 3.7357** is the 20% darker color. If you saturate the color by 10%, you get **21.3897, 21.9649, 10.1337**, and if you desaturate by 10%, it is **24.0240, 25.1305, 17.4947**.

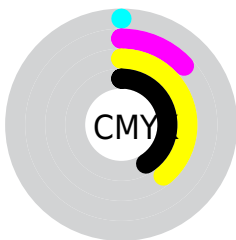
Distribution



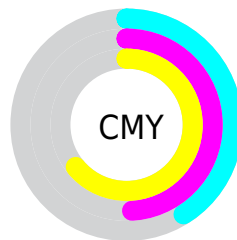
- Red (59%)
- Green (51%)
- Blue (36%)



- Red (47%)
- Yellow (59%)
- Blue (36%)



- Cyan (0%)
- Magenta (13%)
- Yellow (39%)
- Black (41%)



- Cyan (41%)
- Magenta (49%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6257, 23.4893, 13.4666 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 22.6257, 23.4893, 13.4666 by changing the saturation by 10% instead.

■ 22.6257, 23.4893,
13.4666

■ 22.6257, 23.4893,
13.4666

258.3680,
270.2283, 225.1986

■ 14.4365, 14.9552,
7.6161

■ 47.2492, 49.1955,
32.8429

■ 8.5086, 8.7880,
3.7661

■ 64.4142, 67.1364,
47.2059

■ 4.4766, 4.6031,
1.4979

■ 85.3019, 88.9818,
65.2434

■ 1.9752, 2.0163,
0.2164

■ 110.2777,
115.1159, 87.3741

■ 0.6199, 0.6169,
0.0000

139.7068,
145.9232, 114.0164

■ 0.0000, 0.0000,
0.0000

173.9547,

181.7881, 145.5889

213.3866,
223.0950, 182.5101

■ 22.6257, 23.4893,
13.4666

■ 22.6257, 23.4893,
13.4666

■ 21.3897, 21.9649,
10.1337

■ 24.0240, 25.1305,
17.4947

■ 20.3062, 20.5499,
7.4539

■ 25.5903, 26.8887,
22.2541

■ 19.3668, 19.2413,
5.3827

■ 27.3323, 28.7686,
27.7797

■ 18.5613, 18.0343,
3.8693

■ 29.2565, 30.7735,
34.1042

■ 17.8783, 16.9234,
2.8546

■ 31.3689, 32.9063,
41.2580

■ 17.2936, 15.8984,
2.2147

■ 33.6756, 35.1702,
49.2703

■ 17.2188, 15.7664,
2.1357

■ 36.1821, 37.5679,
58.1684

■ 38.8938, 40.1021,
67.9787

■ 41.8157, 42.7756,
78.7265

Harmonies

Analogous

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



25.2849, 23.4893, 15.0973



22.6257, 23.4893, 13.4666



20.0852, 23.4893, 14.5037

Triad

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



22.6257, 23.4893, 13.4666



18.0211, 23.4893, 32.8126



26.9272, 23.4893, 34.5920

Complementary

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



22.6257, 23.4893, 13.4666



15.6029, 15.8457, 31.0902

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.



24.7273, 23.4893, 41.2026



22.6257, 23.4893, 13.4666



19.6072, 23.4893, 40.0390

Square

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



22.6257, 23.4893, 13.4666



17.5555, 23.4893, 24.7305



22.0287, 23.4893, 43.3716



27.8905, 23.4893, 26.4403

Rectangle

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



22.6257, 23.4893, 13.4666



18.7740, 23.4893, 16.7102



22.0287, 23.4893, 43.3716



26.2996, 23.4893, 37.1263

Sweetspot

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



22.6263, 23.4904, 13.4671



47.1016, 49.5608, 45.3843



19.2926, 15.2936, 17.0707



10.3602, 10.8993, 9.8091



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



22.6263, 23.4904, 13.4671



38.1122, 39.2225, 18.8330



23.7096, 28.1898, 14.3171



6.1070, 6.4277, 6.1593



14.3110, 13.1364, 1.7813



0.2021, 0.2147, 0.0308

Inverse Universe

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



15.6029, 15.8457, 31.0902



24.0045, 23.8771, 54.2648



14.7742, 12.6619, 30.5194



5.6454, 5.9248, 7.3158



5.5080, 3.7107, 24.3570



0.0921, 0.0949, 0.3064

Previews

White Background



This preview shows how the XYZ color 22.6257, 23.4893, 13.4666 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 22.6257, 23.4893, 13.4666 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 22.6257, 23.4893, 13.4666

Background



This preview shows how black text looks on a background with the XYZ color 22.6257, 23.4893, 13.4666.



This preview shows how white text looks on a background with the XYZ color 22.6257, 23.4893,

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

22.6257, 23.4893, 13.4666

Protanopia

21.8649, 23.4947, 13.7384

Deuteranopia

23.9930, 23.5996, 13.6465



Tritanopia

25.2244, 23.3851, 26.1060

Trichromacy



Original Color

22.6257, 23.4893, 13.4666

Protanomaly

22.0811, 23.4038, 13.7095

Deuteranomaly

23.5363, 23.5587, 13.6627

Tritanomaly

24.0560, 23.2830, 20.6789

Monochromacy



Original Color

22.6257, 23.4893, 13.4666

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.1096, 23.2759, 20.1570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6257, 23.4893, 13.4666 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(150, 131, 92)` looks like.

```
.text, #text, p{  
    color:rgb(150, 131, 92)  
}
```

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(150, 131, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 131, 92) }
```

Border

The CSS property to change the border of an element to XYZ 22.6257, 23.4893, 13.4666 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(150, 131, 92) }
```


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

```
.border{ border-color:rgb(150, 131, 92) }
```

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

Here you see how a box with a 4 pixel rgb(150, 131, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 131, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 131, 92);  
box-shadow:4px 4px 4px 4px rgb(150, 131,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6257, 23.4893, 13.4666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 131, 92) }
```

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

```
.background{ background-color: rgb(150,  
131, 92) }
```

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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