

Converting Colors

XYZ(23.0401, 24.3207, 10.8772)

Have a look what the booklet for
XYZ(23.0401, 24.3207, 10.8772)
contains.

XYZ(23.0732, 24.3870, 10.8882)	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(23.0732, 24.3870,
10.8882)**

Conversions

Conversions Part 1

Format	Color
Hex	99864F
RGB	153, 134, 79
RGB Percent	60%, 53%, 31%
CMY	0.4000, 0.4745, 0.6902
CMYK	0.00, 0.12, 0.48, 0.40
HSL	45°, 32%, 45%
HSV	45°, 48%, 60%
XYZ	23.0732, 24.3870, 10.8882
YIQ	133.4110, 28.9790, -13.0770

Conversions

Conversions Part 2

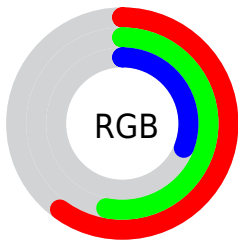
Format	Color
RYB	105, 153, 79
Decimal	10061391
CIELab	56.47, -0.48, 32.12
CIELCh	56, 32.126, 90.850
Yxy	24.3870, 0.3954, 0.4180
Android (android.graphics.Color)	4288251471 (0xFF99864F)
YUV	133.4110, -26.8246, 17.1796
Hunter-Lab	49.3832, -3.0204, 21.4957

Details

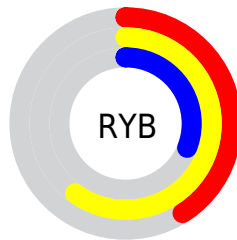
The XYZ color **23.0732, 24.3870, 10.8882** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.3417, 12.6970, 31.8844**, and the grayscale version is **22.5322, 23.7057, 25.8155**.

A 20% lighter version of the original color is **48.0273, 50.6809, 28.0200**, and **8.7647, 9.3106, 2.7017** is the 20% darker color. If you saturate the color by 10%, you get **22.0466, 23.1247, 8.1076**, and if you desaturate by 10%, it is **24.2494, 25.7432, 14.3516**.

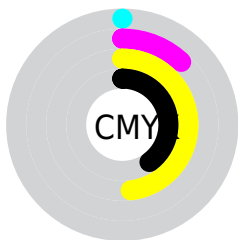
Distribution



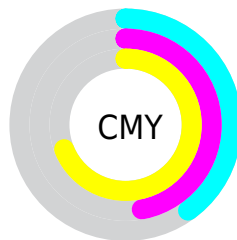
- Red (60%)
- Green (53%)
- Blue (31%)



- Red (41%)
- Yellow (60%)
- Blue (31%)



- Cyan (0%)
- Magenta (12%)
- Yellow (48%)
- Black (40%)



- Cyan (40%)
- Magenta (47%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0732, 24.3870, 10.8882 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 23.0732, 24.3870, 10.8882 by changing the saturation by 10% instead.

■ 23.0732, 24.3870,
10.8882

■ 23.0732, 24.3870,
10.8882

260.6291,
274.7712, 207.6088

■ 14.7686, 15.6209,
5.8785

■ 47.9793, 50.6610,
28.0867

■ 8.7424, 9.2563,
2.7037

■ 65.3114, 68.9377,
41.1126

■ 4.6293, 4.9088,
0.9453

■ 86.3834, 91.1535,
57.6476

■ 2.0639, 2.1938,
0.0000

■ 111.5607,
117.6926, 78.1103

■ 0.6695, 0.7166,
0.0000

■ 141.2085,
148.9396, 102.9193

■ 0.0000, 0.0000,
0.0000

175.6923,

185.2787, 132.4930

215.3773,
227.0945, 167.2499

■ 23.0732, 24.3870,
10.8882

■ 23.0732, 24.3870,
10.8882

■ 22.0466, 23.1247,
8.1076

■ 24.2494, 25.7432,
14.3516

■ 21.1586, 21.9489,
5.9613

■ 25.5817, 27.1935,
18.5389

■ 20.3995, 20.8562,
4.3968

■ 27.0782, 28.7425,
23.4897

■ 19.7575, 19.8415,
3.3523

■ 28.7461, 30.3932,
29.2403

■ 19.2092, 18.8952,
2.7066

■ 30.5919, 32.1488,
35.8245

■ 19.1231, 18.7448,
2.6102

■ 32.6220, 34.0120,
43.2744

■ 34.8423, 35.9854,
51.6203

■ 37.2585, 38.0718,
60.8910

■ 39.8758, 40.2735,
71.1139

Harmonies

Analogous

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



26.8399, 24.3870, 12.3822



23.0732, 24.3870, 10.8882



19.7020, 24.3870, 12.5658

Triad

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



23.0732, 24.3870, 10.8882



17.5658, 24.3870, 38.5011



30.0024, 24.3870, 37.8309

Complementary

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



23.0732, 24.3870, 10.8882



13.3417, 12.6970, 31.8844

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.



27.0430, 24.3870, 48.3028



23.0732, 24.3870, 10.8882



19.8673, 24.3870, 48.7569

Square

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



23.0732, 24.3870, 10.8882



16.7387, 24.3870, 26.8582



23.2853, 24.3870, 52.7473



31.0901, 24.3870, 26.2507

Rectangle

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



23.0732, 24.3870, 10.8882



18.0639, 24.3870, 15.6081



23.2853, 24.3870, 52.7473



29.1789, 24.3870, 41.6964

Sweetspot

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



23.0738, 24.3881, 10.8887



49.3777, 52.3624, 45.0726



18.1723, 13.2602, 13.3396



10.7799, 11.4387, 9.5327



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.0738, 24.3881, 10.8887



39.3502, 41.2440, 14.1798



22.9126, 28.5588, 11.7022



6.5746, 6.9543, 6.6016



15.8327, 15.5478, 2.1665



0.2652, 0.2894, 0.0419

Inverse Universe

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



13.3417, 12.6970, 31.8844



19.8342, 17.8265, 56.3675



13.3979, 10.3934, 31.4368



6.0070, 6.2713, 7.8229



5.3830, 3.1627, 25.2345



0.1066, 0.0995, 0.3860

Previews

White Background



This preview shows how the XYZ color 23.0732, 24.3870, 10.8882 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 23.0732, 24.3870, 10.8882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

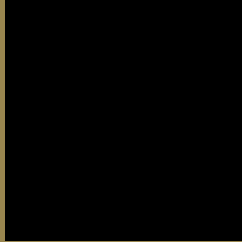
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.0732, 24.3870, 10.8882

Background



This preview shows how black text looks on a background with the XYZ color 23.0732, 24.3870, 10.8882.

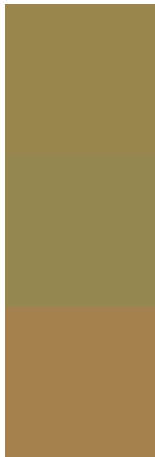


This preview shows how white text looks on a background with the XYZ color 23.0732, 24.3870,

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

23.0732, 24.3870, 10.8882

Protanopia

22.4649, 24.4834, 11.1312

Deuteranopia

24.8153, 24.2790, 10.9678



Tritanopia

26.4028, 24.3558, 26.9765

Trichromacy



Original Color

23.0732, 24.3870, 10.8882

Protanomaly

22.6896, 24.3912, 11.1015

Deuteranomaly

24.2622, 24.3889, 11.0182

Tritanomaly

25.0396, 24.3943, 19.9118

Monochromacy



Original Color

23.0732, 24.3870, 10.8882

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.1834, 23.5428, 18.9978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0732, 24.3870, 10.8882 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(153, 134, 79)` looks like.

```
.text, #text, p{  
    color:rgb(153, 134, 79)  
}
```

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(153, 134, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 134, 79) }
```

Border

The CSS property to change the border of an element to XYZ 23.0732, 24.3870, 10.8882 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(153, 134, 79) }
```


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

```
.border{ border-color:rgb(153, 134, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 134, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 134, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 134, 79);  
box-shadow:4px 4px 4px 4px rgb(153, 134,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0732, 24.3870, 10.8882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 134, 79) }
```

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

```
.background{ background-color: rgb(153,  
134, 79) }
```

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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