

Converting Colors

XYZ(23.0889, 24.7122, 15.3574)

Have a look what the booklet for
XYZ(23.0889, 24.7122, 15.3574)
contains.

XYZ(23.0889, 24.7122, 15.3574)	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(23.0889, 24.7122,
15.3574)**

Conversions

Conversions Part 1

Format	Color
Hex	938863
RGB	147, 136, 99
RGB Percent	58%, 53%, 39%
CMY	0.4235, 0.4667, 0.6118
CMYK	0.00, 0.07, 0.33, 0.42
HSL	46°, 20%, 48%
HSV	46°, 33%, 58%
XYZ	23.0889, 24.7122, 15.3574
YIQ	135.0710, 18.4330, -9.1750

Conversions

Conversions Part 2

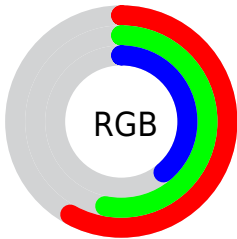
Format	Color
R_{YB}	113, 147, 99
Decimal	9668707
CIE _{Lab}	56.79, -1.79, 21.40
CIE _{LCh}	57, 21.474, 94.777
Yxy	24.7122, 0.3656, 0.3913
Android (android.graphics.Color)	4287858787 (0xFF938863)
YUV	135.0710, -17.7830, 10.4617
Hunter-Lab	49.7114, -4.0889, 16.4814

Details

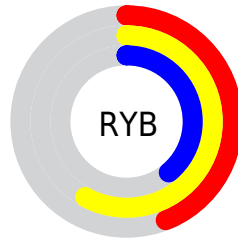
The XYZ color **23.0889, 24.7122, 15.3574** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.9879, 15.9106, 29.8322**, and the grayscale version is **23.1151, 24.3189, 26.4833**.

A 20% lighter version of the original color is **48.0597, 51.1538, 36.1948**, and **8.7715, 9.3903, 4.5990** is the 20% darker color. If you saturate the color by 10%, you get **21.9825, 23.5235, 11.8314**, and if you desaturate by 10%, it is **24.3394, 25.9842, 19.5632**.

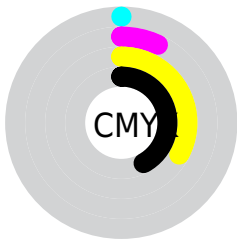
Distribution



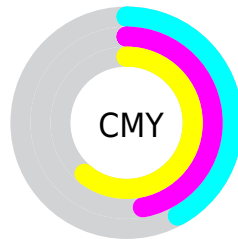
- Red (58%)
- Green (53%)
- Blue (39%)



- Red (44%)
- Yellow (58%)
- Blue (39%)



- Cyan (0%)
- Magenta (7%)
- Yellow (33%)
- Black (42%)



- Cyan (42%)
- Magenta (47%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0889, 24.7122, 15.3574 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 23.0889, 24.7122, 15.3574 by changing the saturation by 10% instead.

■ 23.0889, 24.7122,
15.3574

■ 23.0889, 24.7122,
15.3574

260.7081,
276.4016, 237.2342

■ 14.7802, 15.8628,
8.9212

■ 48.0048, 51.1899,
36.2301

■ 8.7506, 9.4271,
4.5937

■ 65.3428, 69.5870,
51.5037

■ 4.6347, 5.0208,
1.9564

■ 86.4213, 91.9355,
70.5601

■ 2.0671, 2.2595,
0.5283

■ 111.6055,
118.6197, 93.8179

■ 0.6712, 0.7521,
0.0000

141.2610,
150.0240, 121.6957

■ 0.0000, 0.0000,
0.0000

175.7530,

186.5328, 154.6120

215.4469,
228.5306, 192.9853

■ 23.0889, 24.7122,
15.3574

■ 23.0889, 24.7122,
15.3574

■ 21.9825, 23.5235,
11.8314

■ 24.3394, 25.9842,
19.5632

■ 21.0112, 22.4116,
8.9470

■ 25.7387, 27.3389,
24.4812

■ 20.1680, 21.3743,
6.6647

■ 27.2936, 28.7800,
30.1434

■ 19.4442, 20.4080,
4.9398

■ 29.0098, 30.3102,
36.5797

■ 18.8301, 19.5085,
3.7214

■ 30.8927, 31.9318,
43.8179

■ 18.3140, 18.6709,
2.9492

■ 32.9476, 33.6470,
51.8848

■ 17.9739, 18.0855,
2.5435

■ 35.1793, 35.4581,
60.8059

■ 37.5927, 37.3671,
70.6053

■ 40.1922, 39.3760,
81.3067

Harmonies

Analogous

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



25.6038, 24.7122, 16.2471



23.0889, 24.7122, 15.3574



20.8435, 24.7122, 17.0827

Triad

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



23.0889, 24.7122, 15.3574



19.7456, 24.7122, 35.5788



28.1266, 24.7122, 33.2326

Complementary

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



23.0889, 24.7122, 15.3574



15.9879, 15.9106, 29.8322

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.



26.3476, 24.7122, 39.9206



23.0889, 24.7122, 15.3574



21.4925, 24.7122, 41.4355

Square

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



23.0889, 24.7122, 15.3574



19.0028, 24.7122, 28.0740



23.8921, 24.7122, 43.1507



28.6292, 24.7122, 25.7736

Rectangle

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



23.0889, 24.7122, 15.3574



19.7648, 24.7122, 19.7018



23.8921, 24.7122, 43.1507



27.6521, 24.7122, 35.6851

Sweetspot

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



23.0895, 24.7133, 15.3579



46.7497, 49.5771, 46.1981



19.3200, 16.2572, 16.9290



10.5934, 11.2436, 10.2630



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.



23.0895, 24.7133, 15.3579



39.9073, 42.7201, 22.8682



22.5494, 26.8532, 15.7994



6.1539, 6.5217, 6.1749



15.6016, 15.7175, 2.2115



0.2130, 0.2365, 0.0344

Inverse Universe

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



15.9879, 15.9106, 29.8322



25.2130, 24.5124, 52.8371



16.3852, 14.4622, 29.5317



5.6009, 5.8358, 7.3010



5.0701, 2.8351, 24.2110



0.0812, 0.0731, 0.3027

Previews

White Background



This preview shows how the XYZ color 23.0889, 24.7122, 15.3574 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 23.0889, 24.7122, 15.3574 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 23.0889, 24.7122, 15.3574

Background



This preview shows how black text looks on a background with the XYZ color 23.0889, 24.7122, 15.3574.



This preview shows how white text looks on a background with the XYZ color 23.0889, 24.7122,

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

23.0889, 24.7122, 15.3574

Protanopia

23.0889, 24.7122, 15.3574

Deuteranopia

25.1145, 24.7298, 15.5062



Tritanopia

25.8729, 24.8311, 28.6285

Trichromacy



Original Color

23.0889, 24.7122, 15.3574

Protanomaly

23.0889, 24.7122, 15.3574

Deuteranomaly

24.3981, 24.7631, 15.5504

Tritanomaly

24.7311, 24.7654, 23.2154

Monochromacy



Original Color

23.0889, 24.7122, 15.3574

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.8243, 24.2221, 21.8847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0889, 24.7122, 15.3574 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(147, 136, 99)` looks like.

```
.text, #text, p{  
    color:rgb(147, 136, 99)  
}
```

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(147, 136, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 136, 99) }
```

Border

The CSS property to change the border of an element to XYZ 23.0889, 24.7122, 15.3574 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(147, 136, 99) }
```


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

```
.border{ border-color:rgb(147, 136, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 136, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 136, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 136, 99);  
box-shadow:4px 4px 4px 4px rgb(147, 136,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0889, 24.7122, 15.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 136, 99) }
```

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

```
.background{ background-color: rgb(147,  
136, 99) }
```

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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