

Converting Colors

XYZ(21.9104, 23.1402, 12.5442)

Have a look what the booklet for
XYZ(21.9104, 23.1402, 12.5442)
contains.

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Color

**XYZ(21.9104, 23.1402,
12.5442)**

Conversions

Conversions Part 1

Format	Color
Hex	938358
RGB	147, 131, 88
RGB Percent	58%, 51%, 35%
CMY	0.4235, 0.4863, 0.6549
CMYK	0.00, 0.11, 0.40, 0.42
HSL	44°, 25%, 46%
HSV	44°, 40%, 58%
XYZ	21.9104, 23.1402, 12.5442
YIQ	130.8820, 23.3390, -9.9810

Conversions

Conversions Part 2

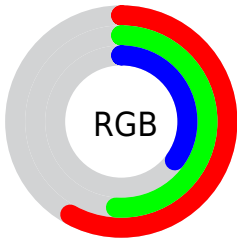
Format	Color
R_{YB}	110, 147, 88
Decimal	9667416
CIE Lab	55.22, -0.39, 25.47
CIE LCh	55, 25.472, 90.877
Yxy	23.1402, 0.3804, 0.4018
Android (android.graphics.Color)	4287857496 (0xFF938358)
YUV	130.8820, -21.1408, 14.1355
Hunter-Lab	48.1043, -2.8798, 18.2119

Details

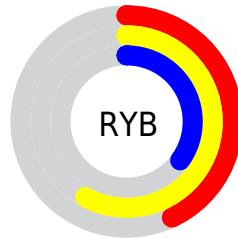
The XYZ color **21.9104, 23.1402, 12.5442** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.2412, 14.0816, 29.5713**, and the grayscale version is **21.5990, 22.7238, 24.7462**.

A 20% lighter version of the original color is **46.0851, 48.6725, 31.0105**, and **8.1545, 8.6347, 3.4274** is the 20% darker color. If you saturate the color by 10%, you get **20.8370, 21.8715, 9.4792**, and if you desaturate by 10%, it is **23.1284, 24.5013, 16.2637**.

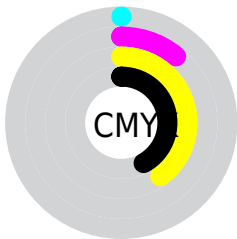
Distribution



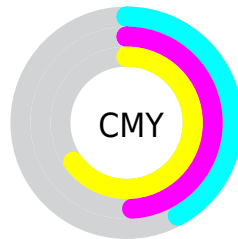
- Red (58%)
- Green (51%)
- Blue (35%)



- Red (43%)
- Yellow (58%)
- Blue (35%)



- Cyan (0%)
- Magenta (11%)
- Yellow (40%)
- Black (42%)



- Cyan (42%)
- Magenta (49%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9104, 23.1402, 12.5442 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 21.9104, 23.1402, 12.5442 by changing the saturation by 10% instead.

■ 21.9104, 23.1402,
12.5442

■ 21.9104, 23.1402,
12.5442

254.7192,
268.4443, 219.0797

■ 13.9073, 14.6971,
6.9884

■ 46.0778, 48.6234,
31.1615

■ 8.1375, 8.6071,
3.3765

■ 62.9729, 66.4323,
45.0602

■ 4.2356, 4.4858,
1.2900

■ 83.5626, 88.1319,
62.5769

■ 1.8363, 1.9488,
0.0535

■ 108.2124,
114.1066, 84.1301

■ 0.5394, 0.5775,
0.0000

■ 137.2876,
144.7408, 110.1385

■ 0.0000, 0.0000,
0.0000

171.1535,

180.4189, 141.0205

210.1756,
221.5252, 177.1948

■ 21.9104, 23.1402,
12.5442

■ 21.9104, 23.1402,
12.5442

■ 20.8370, 21.8715,
9.4792

■ 23.1284, 24.5013,
16.2637

■ 19.8988, 20.6887,
7.0282

■ 24.4962, 25.9549,
20.6723

■ 19.0878, 19.5890,
5.1482

■ 26.0210, 27.5049,
25.8037

■ 18.3946, 18.5682,
3.7900

■ 27.7089, 29.1542,
31.6890

■ 17.8081, 17.6215,
2.8962

■ 29.5657, 30.9053,
38.3576

■ 17.3054, 16.7484,
2.3207

■ 31.5967, 32.7609,
45.8370

■ 33.8073, 34.7234,
54.1538

■ 36.2024, 36.7949,
63.3331

■ 38.7867, 38.9779,
73.3989

Harmonies

Analogous

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



24.7679, 23.1402, 13.8300



21.9104, 23.1402, 12.5442



19.3022, 23.1402, 13.9914

Triad

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



21.9104, 23.1402, 12.5442



17.6215, 23.1402, 34.1301



27.1322, 23.1402, 33.6239

Complementary

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



21.9104, 23.1402, 12.5442



14.2412, 14.0816, 29.5713

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.



24.9253, 23.1402, 41.1926



21.9104, 23.1402, 12.5442



19.4355, 23.1402, 41.5265

Square

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



21.9104, 23.1402, 12.5442



16.9611, 23.1402, 25.4364



22.0779, 23.1402, 44.3518



27.9355, 23.1402, 24.9566

Rectangle

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



21.9104, 23.1402, 12.5442



18.0140, 23.1402, 16.5400



22.0779, 23.1402, 44.3518



26.5210, 23.1402, 36.4419

Sweetspot

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



21.9110, 23.1413, 12.5447



45.9994, 48.6566, 44.1597



18.0578, 14.1969, 15.0772



10.4272, 11.0333, 9.8315



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.



21.9110, 23.1413, 12.5447



37.5243, 39.4218, 17.5489



22.0614, 26.6583, 13.2156



6.1338, 6.4814, 6.1682



15.0239, 14.5622, 2.0189



0.2084, 0.2272, 0.0329

Inverse Universe

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



14.2412, 14.0816, 29.5713



21.8767, 20.9513, 52.3256



14.0990, 11.8405, 29.1462



5.6198, 5.8737, 7.3073



5.2378, 3.1704, 24.2669



0.0859, 0.0824, 0.3043

Previews

White Background



This preview shows how the XYZ color 21.9104, 23.1402, 12.5442 looks on a white background.

Color Contrast Check

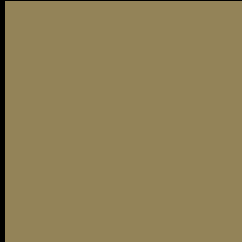
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9104, 23.1402, 12.5442 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 21.9104, 23.1402, 12.5442

Background



This preview shows how black text looks on a background with the XYZ color 21.9104, 23.1402, 12.5442.



This preview shows how white text looks on a background with the XYZ color 21.9104, 23.1402,

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

21.9104, 23.1402, 12.5442

Protanopia

21.3821, 23.0634, 12.7759

Deuteranopia

23.4931, 23.1691, 12.6851



Tritanopia

24.6557, 23.0919, 26.0794

Trichromacy



Original Color

21.9104, 23.1402, 12.5442

Protanomaly

21.5560, 23.1531, 12.7841

Deuteranomaly

22.8488, 23.0296, 12.6921

Tritanomaly

23.4371, 22.9708, 20.3381

Monochromacy



Original Color

21.9104, 23.1402, 12.5442

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.5273, 22.7888, 19.4837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9104, 23.1402, 12.5442 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, 131, 88)` looks like.

```
.text, #text, p{  
    color:rgb(147, 131, 88)  
}
```

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, 131, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 131, 88) }
```

Border

The CSS property to change the border of an element to XYZ 21.9104, 23.1402, 12.5442 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, 131, 88) }
```


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

```
.border{ border-color:rgb(147, 131, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 131, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 131, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 131, 88);  
box-shadow:4px 4px 4px 4px rgb(147, 131,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9104, 23.1402, 12.5442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 131, 88) }
```

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

```
.background{ background-color: rgb(147,  
131, 88) }
```

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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