

Converting Colors

XYZ(21.9148, 23.0125, 9.4177)

Have a look what the booklet for
XYZ(21.9148, 23.0125, 9.4177)
contains.

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Color

**XYZ(21.9148, 23.0125,
9.4177)**

Conversions

Conversions Part 1

Format	Color
Hex	978248
RGB	151, 130, 72
RGB Percent	59%, 51%, 28%
CMY	0.4078, 0.4902, 0.7176
CMYK	0.00, 0.14, 0.52, 0.41
HSL	44°, 35%, 44%
HSV	44°, 52%, 59%
XYZ	21.9148, 23.0125, 9.4177
YIQ	129.6670, 31.1340, -13.5860

Conversions

Conversions Part 2

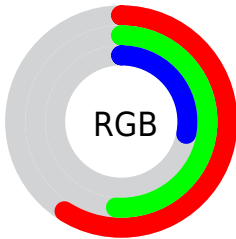
Format	Color
R_{YB}	101, 151, 72
Decimal	9929288
CIE Lab	55.09, 0.20, 34.11
CIE LCh	55, 34.113, 89.670
Yxy	23.0125, 0.4033, 0.4235
Android (android.graphics.Color)	4288119368 (0xFF978248)
YUV	129.6670, -28.4298, 18.7090
Hunter-Lab	47.9713, -2.4055, 21.9402

Details

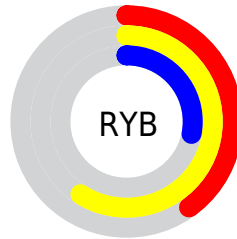
The XYZ color **21.9148, 23.0125, 9.4177** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.1725, 11.4402, 30.8445**, and the grayscale version is **21.1905, 22.2940, 24.2782**.

A 20% lighter version of the original color is **46.1785, 48.5375, 25.3472**, and **8.1549, 8.5517, 2.1405** is the 20% darker color. If you saturate the color by 10%, you get **20.9582, 21.7932, 6.9599**, and if you desaturate by 10%, it is **23.0143, 24.3241, 12.5206**.

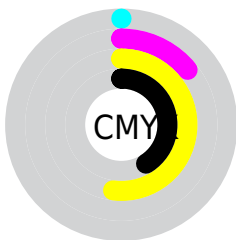
Distribution



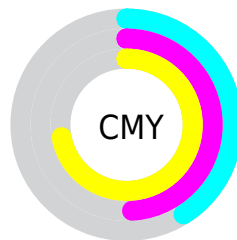
- Red (59%)
- Green (51%)
- Blue (28%)



- Red (40%)
- Yellow (59%)
- Blue (28%)



- Cyan (0%)
- Magenta (14%)
- Yellow (52%)
- Black (41%)



- Cyan (41%)
- Magenta (49%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9148, 23.0125, 9.4177 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 21.9148, 23.0125, 9.4177 by changing the saturation by 10% instead.

■ 21.9148, 23.0125,
9.4177

■ 21.9148, 23.0125,
9.4177

254.7418,
267.7892, 196.7954

■ 13.9106, 14.6027,
4.9141

■ 46.0850, 48.4139,
25.2848

■ 8.1398, 8.5411,
2.1391

■ 62.9818, 66.1742,
37.4854

■ 4.2371, 4.4431,
0.6389

■ 83.5733, 87.8203,
53.0887

■ 1.8371, 1.9244,
0.0000

■ 108.2251,
113.7364, 72.5133

■ 0.5399, 0.5630,
0.0000

■ 137.3025,
144.3069, 96.1778

■ 0.0000, 0.0000,
0.0000

171.1709,

179.9163, 124.5006

210.1955,
220.9489, 157.9003

■ 21.9148, 23.0125,
9.4177

■ 21.9148, 23.0125,
9.4177

■ 20.9582, 21.7932,
6.9599

■ 23.0143, 24.3241,
12.5206

■ 20.1336, 20.6587,
5.0983

■ 24.2635, 25.7283,
16.3101

■ 19.4311, 19.6057,
3.7791

■ 25.6705, 27.2297,
20.8256

■ 18.8383, 18.6287,
2.9380

■ 27.2424, 28.8314,
26.1033

■ 18.4325, 17.9195,
2.4873

■ 28.9858, 30.5366,
32.1769

■ 30.9068, 32.3479,
39.0781

■ 33.0115, 34.2680,
46.8368

■ 35.3054, 36.2997,
55.4816

■ 37.7938, 38.4453,
65.0394

Harmonies

Analogous

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



25.7731, 23.0125, 10.9890



21.9148, 23.0125, 9.4177



18.4521, 23.0125, 10.9196

Triad

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



21.9148, 23.0125, 9.4177



16.1193, 23.0125, 36.9057



28.8036, 23.0125, 37.1766

Complementary

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



21.9148, 23.0125, 9.4177



12.1725, 11.4402, 30.8445

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.



25.6919, 23.0125, 47.9867



21.9148, 23.0125, 9.4177



18.3871, 23.0125, 47.8011

Square

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



21.9148, 23.0125, 9.4177



15.3505, 23.0125, 24.9364



21.8306, 23.0125, 52.3420



30.0215, 23.0125, 25.1774

Rectangle

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



21.9148, 23.0125, 9.4177



16.7628, 23.0125, 13.8087



21.8306, 23.0125, 52.3420



27.9279, 23.0125, 41.1829

Sweetspot

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



21.9154, 23.0136, 9.4182



47.6250, 50.4637, 42.7962



17.0586, 12.0057, 11.7899



10.7043, 11.3473, 9.3233



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.



21.9154, 23.0136, 9.4182



37.2287, 38.6224, 11.7353



21.8408, 27.5523, 10.2981



6.5700, 6.9450, 6.6001



15.7053, 15.2930, 2.1241



0.2639, 0.2869, 0.0415

Inverse Universe

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



12.1725, 11.4402, 30.8445



17.8301, 15.6147, 54.5079



12.1622, 9.0648, 30.3866



6.0114, 6.2801, 7.8243



5.4222, 3.2411, 25.2475



0.1078, 0.1020, 0.3864

Previews

White Background



This preview shows how the XYZ color 21.9148, 23.0125, 9.4177 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 21.9148, 23.0125, 9.4177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

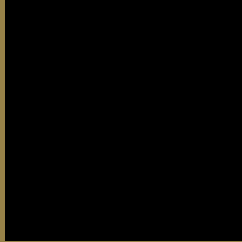
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.9148, 23.0125, 9.4177

Background



This preview shows how black text looks on a background with the XYZ color 21.9148, 23.0125, 9.4177.



This preview shows how white text looks on a background with the XYZ color 21.9148, 23.0125,

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

21.9148, 23.0125, 9.4177

Protanopia

21.1309, 23.0033, 9.6297

Deuteranopia

23.3614, 22.9798, 9.5076



Tritanopia

25.2212, 23.0275, 25.3057

Trichromacy



Original Color

21.9148, 23.0125, 9.4177

Protanomaly

21.3515, 22.9167, 9.6013

Deuteranomaly

22.6966, 22.8279, 9.5133

Tritanomaly

23.8477, 23.0380, 18.2288

Monochromacy



Original Color

21.9148, 23.0125, 9.4177

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.2242, 22.4727, 17.6870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9148, 23.0125, 9.4177 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(151, 130, 72)` looks like.

```
.text, #text, p{  
    color:rgb(151, 130, 72)  
}
```

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(151, 130, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 130, 72) }
```

Border

The CSS property to change the border of an element to XYZ 21.9148, 23.0125, 9.4177 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(151, 130, 72) }
```


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

```
.border{ border-color:rgb(151, 130, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 130, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 130, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 130, 72);  
box-shadow:4px 4px 4px 4px rgb(151, 130,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9148, 23.0125, 9.4177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 130, 72) }
```

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

```
.background{ background-color: rgb(151,  
130, 72) }
```

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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