

Converting Colors

XYZ(21.8773, 21.4924, 8.3056)

Have a look what the booklet for
XYZ(21.8773, 21.4924, 8.3056)
contains.

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Color

**XYZ(21.8773, 21.4924,
8.3056)**

Conversions

Conversions Part 1

Format	Color
Hex	9D7A43
RGB	157, 122, 67
RGB Percent	62%, 48%, 26%
CMY	0.3843, 0.5216, 0.7372
CMYK	0.00, 0.22, 0.57, 0.38
HSL	37°, 40%, 44%
HSV	37°, 57%, 62%
XYZ	21.8773, 21.4924, 8.3056
YIQ	126.1950, 38.5150, -9.6850

Conversions

Conversions Part 2

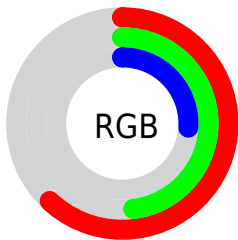
Format	Color
R_{YB}	124, 157, 67
Decimal	10320451
CIE _{Lab}	53.48, 6.92, 34.98
CIE _{LCh}	53, 35.658, 78.806
Yxy	21.4924, 0.4234, 0.4159
Android (android.graphics.Color)	4288510531 (0xFF9D7A43)
YUV	126.1950, -29.1831, 27.0160
Hunter-Lab	46.3599, 3.1046, 21.8298

Details

The XYZ color **21.8773, 21.4924, 8.3056** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.1518, 13.1299, 33.7394**, and the grayscale version is **19.9851, 21.0259, 22.8972**.

A 20% lighter version of the original color is **46.0785, 45.8526, 23.2515**, and **8.1686, 7.8316, 1.7429** is the 20% darker color. If you saturate the color by 10%, you get **20.7426, 19.8773, 5.9104**, and if you desaturate by 10%, it is **23.1878, 23.2548, 11.3899**.

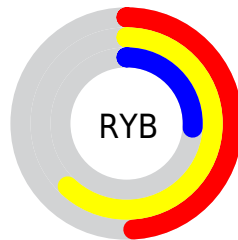
Distribution



Red (62%)

Green (48%)

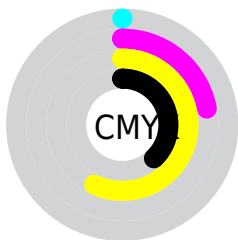
Blue (26%)



Red (49%)

Yellow (62%)

Blue (26%)

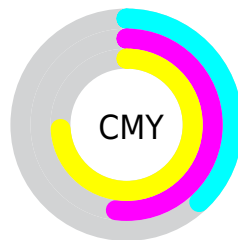


Cyan (0%)

Magenta (22%)

Yellow (57%)

Black (38%)



Cyan (38%)

Magenta (52%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8773, 21.4924, 8.3056 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 21.8773, 21.4924, 8.3056 by changing the saturation by 10% instead.

■ 21.8773, 21.4924,
8.3056

■ 21.8773, 21.4924,
8.3056

254.5493,
259.8839, 188.1329

■ 13.8829, 13.4844,
4.2005

■ 46.0235, 45.9056,
23.1114

■ 8.1204, 7.7629,
1.7360

■ 62.9059, 63.0796,
34.6492

■ 4.2245, 3.9436,
0.3852

■ 83.4818, 84.0777,
49.5017

■ 1.8299, 1.6421,
0.0000

■ 108.1164,
109.2843, 68.0873

■ 0.5356, 0.3857,
0.0000

■ 137.1751,
139.0839, 90.8248

■ 0.0000, 0.0000,
0.0000

171.0232,

173.8607, 118.1325

210.0261,
213.9992, 150.4290

■ 21.8773, 21.4924,
8.3056

■ 21.8773, 21.4924,
8.3056

■ 20.7426, 19.8773,
5.9104

■ 23.1878, 23.2548,
11.3899

■ 19.7707, 18.4006,
4.1470

■ 24.6829, 25.1669,
15.2117

■ 18.9491, 17.0564,
2.9507

■ 26.3724, 27.2348,
19.8168

■ 18.2565, 15.8351,
2.2149

■ 28.2649, 29.4632,
25.2466

■ 18.0830, 15.5248,
2.0435

■ 30.3685, 31.8564,
31.5396

■ 32.6907, 34.4189,
38.7320

■ 35.2386, 37.1546,
46.8578

■ 38.0192, 40.0673,
55.9493

■ 41.0389, 43.1609,
66.0371

Harmonies

Analogous

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



25.6200, 21.4924, 10.9363



21.8773, 21.4924, 8.3056



18.1649, 21.4924, 8.6708

Triad

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



21.8773, 21.4924, 8.3056



14.2702, 21.4924, 30.8049



26.4249, 21.4924, 40.0382

Complementary

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



21.8773, 21.4924, 8.3056



13.1518, 13.1299, 33.7394

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.



22.8714, 21.4924, 49.2791



21.8773, 21.4924, 8.3056



15.9894, 21.4924, 42.9105

Square

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



21.8773, 21.4924, 8.3056



14.0737, 21.4924, 19.5749



19.0439, 21.4924, 50.4682



28.4540, 21.4924, 27.6970

Rectangle

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



21.8773, 21.4924, 8.3056



16.1880, 21.4924, 10.6027



19.0439, 21.4924, 50.4682



25.3501, 21.4924, 43.7545

Sweetspot

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



21.8778, 21.4934, 8.3060



50.6185, 52.7643, 45.2105



18.3601, 12.1619, 14.2120



10.9960, 11.4453, 9.5327



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.8778, 21.4934, 8.3060



36.5953, 34.7780, 9.5219



25.2829, 30.8151, 9.9258



6.9534, 7.2868, 7.0257



14.7234, 12.6824, 1.6719



0.3034, 0.3071, 0.0433

Inverse Universe

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



13.1518, 13.1299, 33.7394



19.4398, 18.3752, 59.6489



11.0737, 7.9854, 32.8559



6.4857, 6.8372, 8.3846



6.3342, 4.7599, 26.4921



0.1530, 0.1645, 0.4869

Previews

White Background



This preview shows how the XYZ color 21.8773, 21.4924, 8.3056 looks on a white background.

Color Contrast Check

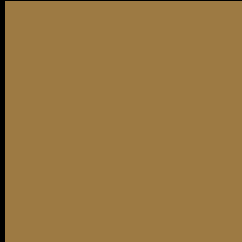
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.8773, 21.4924, 8.3056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

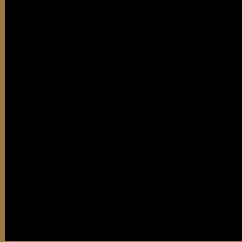
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.8773, 21.4924, 8.3056

Background



This preview shows how black text looks on a background with the XYZ color 21.8773, 21.4924, 8.3056.



This preview shows how white text looks on a background with the XYZ color 21.8773, 21.4924,

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

21.8773, 21.4924, 8.3056

Protanopia

19.7779, 21.5307, 8.7437

Deuteranopia

21.8773, 21.4924, 8.3056



Tritanopia

24.6691, 21.3981, 21.8988

Trichromacy



Original Color

21.8773, 21.4924, 8.3056

Protanomaly

20.5369, 21.5421, 8.5445

Deuteranomaly

21.8773, 21.4924, 8.3056

Tritanomaly

23.4238, 21.4097, 15.7299

Monochromacy



Original Color

21.8773, 21.4924, 8.3056

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.1999, 21.0055, 16.3544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8773, 21.4924, 8.3056 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(157, 122, 67)` looks like.

```
.text, #text, p{  
    color:rgb(157, 122, 67)  
}
```

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(157, 122, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 122, 67) }
```

Border

The CSS property to change the border of an element to XYZ 21.8773, 21.4924, 8.3056 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(157, 122, 67) }
```


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

```
.border{ border-color:rgb(157, 122, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 122, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 122, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 122, 67);  
box-shadow:4px 4px 4px 4px rgb(157, 122,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8773, 21.4924, 8.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 122, 67) }
```

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

```
.background{ background-color: rgb(157,  
122, 67) }
```

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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