

Converting Colors

XYZ(21.7515, 22.0714, 14.0903)

Have a look what the booklet for
XYZ(21.7515, 22.0714, 14.0903)
contains.

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Color

**XYZ(21.7849, 22.0621,
14.1766)**

Conversions

Conversions Part 1

Format	Color
Hex	947E60
RGB	148, 126, 96
RGB Percent	58%, 49%, 38%
CMY	0.4196, 0.5059, 0.6235
CMYK	0.00, 0.15, 0.35, 0.42
HSL	35°, 21%, 48%
HSV	35°, 35%, 58%
XYZ	21.7849, 22.0621, 14.1766
YIQ	129.1580, 22.7420, -4.6660

Conversions

Conversions Part 2

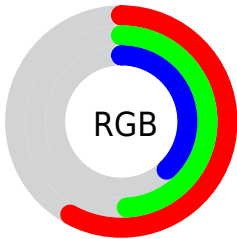
Format	Color
RYB	134, 148, 96
Decimal	9731680
CIELab	54.09, 3.87, 19.48
CIElCh	54, 19.862, 78.773
Yxy	22.0621, 0.3754, 0.3802
Android (android.graphics.Color)	4287921760 (0xFF947E60)
YUV	129.1580, -16.3469, 16.5244
Hunter-Lab	46.9703, 0.5905, 14.9843

Details

The XYZ color **21.7849, 22.0621, 14.1766** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.6475, 17.5813, 30.5331**, and the grayscale version is **20.9720, 22.0642, 24.0279**.

A 20% lighter version of the original color is **46.0152, 47.0433, 34.2588**, and **8.0321, 8.0163, 4.0297** is the 20% darker color. If you saturate the color by 10%, you get **20.3911, 20.2642, 10.6609**, and if you desaturate by 10%, it is **23.3582, 24.0136, 18.3856**.

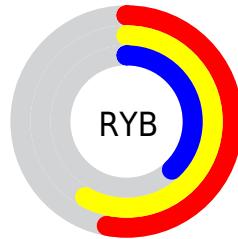
Distribution



Red (58%)

Green (49%)

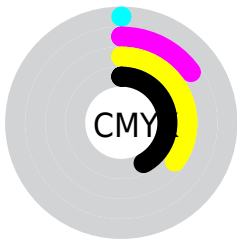
Blue (38%)



Red (53%)

Yellow (58%)

Blue (38%)

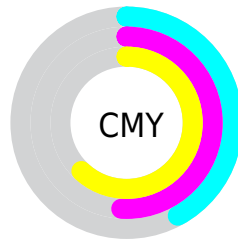


Cyan (0%)

Magenta (15%)

Yellow (35%)

Black (42%)



Cyan (42%)

Magenta (51%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7849, 22.0621, 14.1766 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 21.7849, 22.0621, 14.1766 by changing the saturation by 10% instead.

■ 21.7849, 22.0621,
14.1766

■ 21.7849, 22.0621,
14.1766

254.0744,
262.8704, 229.7932

■ 13.8146, 13.9025,
8.1034

■ 45.8717, 46.8486,
34.1237

■ 8.0727, 8.0529,
4.0725

■ 62.7190, 64.2444,
48.8347

■ 4.1937, 4.1288,
1.6652

■ 83.2560, 85.4876,
67.2620

■ 1.8123, 1.7459,
0.3367

■ 107.8481,
110.9628, 89.8243

■ 0.5251, 0.4531,
0.0000

136.8607,
141.0542, 116.9400

■ 0.0000, 0.0000,
0.0000

170.6590,

176.1464, 149.0277

209.6085,
216.6237, 186.5059

■ 21.7849, 22.0621,
14.1766

■ 21.7849, 22.0621,
14.1766

■ 20.3911, 20.2642,
10.6609

■ 23.3582, 24.0136,
18.3856

■ 19.1671, 18.6122,
7.7988

■ 25.1170, 26.1200,
23.3219

■ 18.1045, 17.1020,
5.5487

■ 27.0687, 28.3866,
29.0189

■ 17.1935, 15.7281,
3.8636

■ 29.2201, 30.8174,
35.5074

■ 16.4229, 14.4844,
2.6893

■ 31.5775, 33.4162,
42.8165

■ 15.7781, 13.3636,
1.9546

■ 34.1469, 36.1867,
50.9741

■ 15.4923, 12.8551,
1.6647

■ 36.9341, 39.1325,
60.0063

■ 39.9445, 42.2570,
69.9385

■ 43.1834, 45.5635,
80.7949

Harmonies

Analogous

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



23.8147, 22.0621, 16.1696



21.7849, 22.0621, 14.1766



19.6664, 22.0621, 14.4624

Triad

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



21.7849, 22.0621, 14.1766



17.2924, 22.0621, 28.0387



24.2361, 22.0621, 32.7037

Complementary

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



21.7849, 22.0621, 14.1766



16.6475, 17.5813, 30.5331

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.



22.3286, 22.0621, 37.0714



21.7849, 22.0621, 14.1766



18.3602, 22.0621, 34.0764

Square

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



21.7849, 22.0621, 14.1766



17.1688, 22.0621, 21.7889



20.1744, 22.0621, 37.6128



25.2930, 22.0621, 26.4024

Rectangle

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



21.7849, 22.0621, 14.1766



18.4846, 22.0621, 15.9205



20.1744, 22.0621, 37.6128



23.6673, 22.0621, 34.4896

Sweetspot

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



21.7855, 22.0631, 14.1771



45.6245, 47.6189, 44.9224



19.6976, 15.9826, 19.3532



10.3214, 10.7610, 9.9829



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.



21.7855, 22.0631, 14.1771



36.5168, 36.4607, 20.1303



24.2963, 28.0018, 15.1910



6.0619, 6.3376, 6.1443



13.2603, 11.0349, 1.4311



0.1916, 0.1936, 0.0273

Inverse Universe

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



16.6475, 17.5813, 30.5331



26.0883, 27.3687, 53.3423



14.7252, 13.1832, 29.7855



5.6891, 6.0121, 7.3304



6.0914, 4.8776, 24.5515



0.1027, 0.1160, 0.3099

Previews

White Background



This preview shows how the XYZ color 21.7849, 22.0621, 14.1766 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 21.7849, 22.0621, 14.1766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

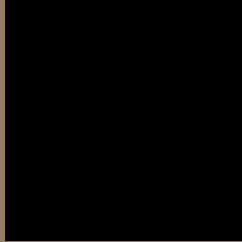
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.7849, 22.0621, 14.1766

Background



This preview shows how black text looks on a background with the XYZ color 21.7849, 22.0621, 14.1766.



This preview shows how white text looks on a background with the XYZ color 21.7849, 22.0621,

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

21.7849, 22.0621, 14.1766

Protanopia

20.6554, 22.0525, 14.4772

Deuteranopia

22.4558, 22.0321, 14.1354



Tritanopia

23.8830, 21.9888, 24.4582

Trichromacy



Original Color

21.7849, 22.0621, 14.1766

Protanomaly

21.0322, 22.0522, 14.4572

Deuteranomaly

22.2074, 22.0911, 14.1599

Tritanomaly

23.1155, 22.0532, 20.1779

Monochromacy



Original Color

21.7849, 22.0621, 14.1766

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.0834, 21.9569, 19.9565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7849, 22.0621, 14.1766 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(148, 126, 96)` looks like.

```
.text, #text, p{  
    color:rgb(148, 126, 96)  
}
```

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(148, 126, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 126, 96) }
```

Border

The CSS property to change the border of an element to XYZ 21.7849, 22.0621, 14.1766 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(148, 126, 96) }
```


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

```
.border{ border-color:rgb(148, 126, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 126, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 126, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 126, 96);  
box-shadow:4px 4px 4px 4px rgb(148, 126,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7849, 22.0621, 14.1766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 126, 96) }
```

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

```
.background{ background-color: rgb(148,  
126, 96) }
```

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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