

Converting Colors

XYZ(14.7284, 21.4313, 14.6328)

Have a look what the booklet for
XYZ(14.7284, 21.4313, 14.6328)
contains.

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Color

**XYZ(14.7431, 21.4906,
14.6803)**

Conversions

Conversions Part 1

Format	Color
Hex	4D8D61
RGB	77, 141, 97
RGB Percent	30%, 55%, 38%
CMY	0.6980, 0.4470, 0.6196
CMYK	0.45, 0.00, 0.31, 0.45
HSL	139°, 29%, 43%
HSV	139°, 45%, 55%
XYZ	14.7431, 21.4906, 14.6803
YIQ	116.8480, -24.0200, -27.2520

Conversions

Conversions Part 2

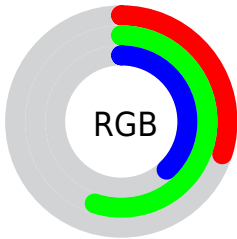
Format	Color
RYB	77, 126, 141
Decimal	5082465
CIELab	53.48, -30.84, 17.24
CIELCh	53, 35.335, 150.793
Yxy	21.4906, 0.2896, 0.4221
Android (android.graphics.Color)	4283272545 (0xFF4D8D61)
YUV	116.8480, -9.7851, -34.9467
Hunter-Lab	46.3580, -24.3585, 13.6750

Details

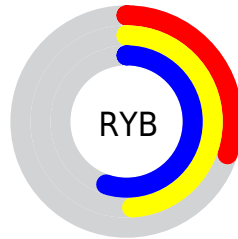
The XYZ color **14.7431, 21.4906, 14.6803** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.0903, 12.3514, 19.5732**, and the grayscale version is **16.8966, 17.7765, 19.3586**.

A 20% lighter version of the original color is **33.9137, 45.8355, 35.0767**, and **4.6086, 7.7368, 4.2681** is the 20% darker color. If you saturate the color by 10%, you get **13.3017, 20.7972, 12.3960**, and if you desaturate by 10%, it is **16.4875, 22.3350, 17.2681**.

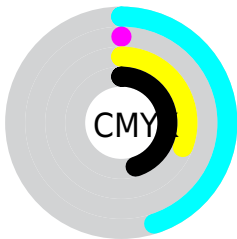
Distribution



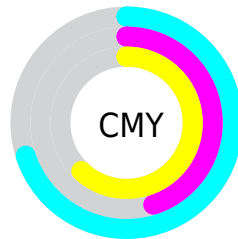
- Red (30%)
- Green (55%)
- Blue (38%)



- Red (30%)
- Yellow (49%)
- Blue (55%)



- Cyan (45%)
- Magenta (0%)
- Yellow (31%)
- Black (45%)



- Cyan (70%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7431, 21.4906, 14.6803 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 14.7431, 21.4906, 14.6803 by changing the saturation by 10% instead.

■ 14.7431, 21.4906,
14.6803

■ 14.7431, 21.4906,
14.6803

215.2253,
259.8744, 232.9967

■ 8.7244, 13.4831,
8.4512

■ 33.9772, 45.9026,
35.0257

■ 4.6175, 7.7620,
4.2931

■ 47.9234, 63.0759,
49.9790

■ 2.0571, 3.9431,
1.7875

■ 65.2428, 84.0732,
68.6776

■ 0.6657, 1.6418,
0.4197

■ 86.3007, 109.2790,
91.5398

■ 0.0000, 0.3855,
0.0000

■ 111.4626,
139.0776, 118.9843

■ 0.0000, 0.0000,
0.0000

141.0938,

173.8534, 151.4296

175.5595,
213.9909, 189.2942

■ 14.7431, 21.4906,
14.6803

■ 14.7431, 21.4906,
14.6803

■ 13.3017, 20.7972,
12.3960

■ 16.4875, 22.3350,
17.2681

■ 12.1436, 20.2431,
10.4025

■ 18.5498, 23.3361,
20.1686

■ 11.2492, 19.8190,
8.6885


■ 20.9458, 24.5024,
23.3923


■ 10.5956, 19.5135,
7.2411


■ 23.6899, 25.8412,
26.9489


■ 10.1512, 19.3103,
6.0464


■ 26.7955, 27.3591,
30.8475

 9.9811, 19.2329,
5.5753

 30.2753, 29.0625,
35.0971

 34.1414, 30.9576,
39.7061

 38.4054, 33.0500,
44.6829

 43.0783, 35.3454,
50.0352

Harmonies

Analogous

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



16.9440, 21.4906, 9.7390



14.7431, 21.4906, 14.6803



14.0163, 21.4906, 23.6873

Triad

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



14.7431, 21.4906, 14.6803



20.5264, 21.4906, 50.8099



27.2875, 21.4906, 14.3197

Complementary

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



14.7431, 21.4906, 14.6803



17.0903, 12.3514, 19.5732

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.



28.5417, 21.4906, 23.1143



14.7431, 21.4906, 14.6803



24.3554, 21.4906, 46.0738

Square

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



14.7431, 21.4906, 14.6803



17.0974, 21.4906, 46.5253



27.4090, 21.4906, 35.0274



24.1611, 21.4906, 9.5801

Rectangle

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



14.7431, 21.4906, 14.6803



14.3853, 21.4906, 31.5464



27.4090, 21.4906, 35.0274



27.9581, 21.4906, 16.7921

Sweetspot

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



14.7437, 21.4915, 14.6808



38.0140, 44.1241, 42.5552



18.8629, 23.7096, 10.6036



8.2936, 9.7593, 9.2451



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.7437, 21.4915, 14.6808



23.8744, 37.2689, 22.2875



16.4956, 22.1922, 23.9061



5.4080, 6.0554, 6.1143



9.1070, 17.5387, 5.1178



0.0961, 0.1713, 0.0966

Inverse Universe

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



17.0903, 12.3514, 19.5732



28.5955, 18.8400, 32.1011



15.4759, 11.7057, 11.0723



5.5555, 5.4827, 6.4232



11.9879, 5.9522, 10.8535



0.1246, 0.0609, 0.1562

Previews

White Background



This preview shows how the XYZ color 14.7431, 21.4906, 14.6803 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 14.7431, 21.4906, 14.6803 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 14.7431, 21.4906, 14.6803

Background



This preview shows how black text looks on a background with the XYZ color 14.7431, 21.4906, 14.6803.



This preview shows how white text looks on a background with the XYZ color 14.7431, 21.4906,

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

14.7431, 21.4906, 14.6803

Protanopia

19.7942, 21.2524, 12.9564

Deuteranopia

21.5212, 21.1546, 15.2609



Tritanopia

17.8768, 21.4780, 30.3976

Trichromacy



Original Color

14.7431, 21.4906, 14.6803

Protanomaly

17.2973, 20.9377, 13.4856

Deuteranomaly

18.1765, 20.7582, 15.1053

Tritanomaly

16.4981, 21.3347, 23.6705

Monochromacy



Original Color

14.7431, 21.4906, 14.6803

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.7548, 18.8723, 17.5642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7431, 21.4906, 14.6803 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(77, 141, 97)` looks like.

```
.text, #text, p{  
    color:rgb(77, 141, 97)  
}
```

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(77, 141, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 141, 97) }
```

Border

The CSS property to change the border of an element to XYZ 14.7431, 21.4906, 14.6803 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(77, 141, 97) }
```


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

```
.border{ border-color:rgb(77, 141, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 141, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 141, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 141, 97);  
box-shadow:4px 4px 4px 4px rgb(77, 141,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7431, 21.4906, 14.6803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 141, 97) }
```

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

```
.background{ background-color: rgb(77, 141,  
97) }
```

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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