

Converting Colors

XYZ(17.5796, 22.5686, 14.4773)

Have a look what the booklet for
XYZ(17.5796, 22.5686, 14.4773)
contains.

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Color

**XYZ(17.5283, 22.4979,
14.4850)**

Conversions

Conversions Part 1

Format	Color
Hex	6C8B60
RGB	108, 139, 96
RGB Percent	42%, 55%, 38%
CMY	0.5765, 0.4549, 0.6235
CMYK	0.22, 0.00, 0.31, 0.45
HSL	103°, 18%, 46%
HSV	103°, 31%, 55%
XYZ	17.5283, 22.4979, 14.4850
YIQ	124.8290, -4.6730, -19.9450

Conversions

Conversions Part 2

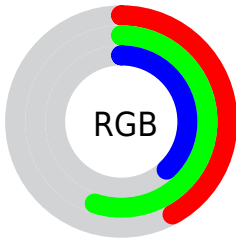
Format	Color
R_{YB}	96, 139, 127
Decimal	7113568
CIE _{Lab}	54.55, -19.50, 19.54
CIE _{LCh}	55, 27.607, 134.936
Yxy	22.4979, 0.3216, 0.4127
Android (android.graphics.Color)	4285303648 (0xFF6C8B60)
YUV	124.8290, -14.2127, -14.7590
Hunter-Lab	47.4320, -17.0419, 15.0961

Details

The XYZ color **17.5283, 22.4979, 14.4850** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.5963, 14.7424, 26.3454**, and the grayscale version is **19.4834, 20.4980, 22.3224**.

A 20% lighter version of the original color is **38.8336, 47.7201, 34.7679**, and **5.9304, 8.2963, 4.1945** is the 20% darker color. If you saturate the color by 10%, you get **15.7947, 21.6724, 11.3535**, and if you desaturate by 10%, it is **19.5164, 23.4429, 18.2201**.

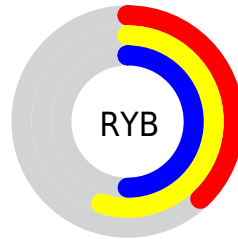
Distribution



Red (42%)

Green (55%)

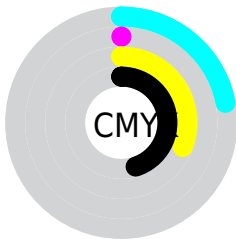
Blue (38%)



Red (38%)

Yellow (55%)

Blue (50%)

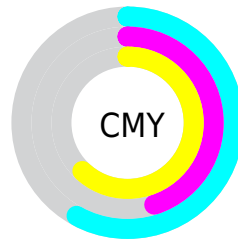


Cyan (22%)

Magenta (0%)

Yellow (31%)

Black (45%)



Cyan (58%)

Magenta (45%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5283, 22.4979, 14.4850 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 17.5283, 22.4979, 14.4850 by changing the saturation by 10% instead.

■ 17.5283, 22.4979,
14.4850

■ 17.5283, 22.4979,
14.4850

231.2961,
265.1355, 231.7599

■ 10.7095, 14.2232,
8.3162

■ 38.7683, 47.5676,
34.6766

■ 5.9377, 8.2761,
4.2073

■ 53.9202, 65.1313,
49.5364

■ 2.8475, 4.2721,
1.7397

■ 72.5806, 86.5602,
68.1303

■ 1.0737, 1.8269,
0.3877

■ 95.1147, 112.2386,
90.8768

■ 0.0029, 0.5039,
0.0000

121.8880,
142.5509, 118.1945

■ 0.0000, 0.0000,
0.0000

153.2657,

177.8816, 150.5019

189.6133,
218.6150, 188.2175

■ 17.5283, 22.4979,
14.4850

■ 17.5283, 22.4979,
14.4850

■ 15.7947, 21.6724,
11.3535

■ 19.5164, 23.4429,
18.2201

■ 14.3031, 20.9586,
8.7926

■ 21.7673, 24.5089,
22.5866

■ 13.0427, 20.3523,
6.7681

■ 24.2910, 25.7013,
27.6125

■ 12.0009, 19.8479,
5.2419

■ 27.0965, 27.0241,
33.3234

■ 11.1639, 19.4393,
4.1706

■ 30.1923, 28.4812,
39.7438

■ 10.5160, 19.1194,
3.5035

■ 33.5866, 30.0762,
46.8970

■ 10.0618, 18.8933,
3.1165

■ 37.2874, 31.8128,
54.8050

■ 41.3021, 33.6944,
63.4890

■ 45.6380, 35.7243,
72.9694

Harmonies

Analogous

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



19.9174, 22.4979, 11.6568



17.5283, 22.4979, 14.4850



16.2386, 22.4979, 20.4124

Triad

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



17.5283, 22.4979, 14.4850



19.9055, 22.4979, 44.3893



27.5185, 22.4979, 20.4441

Complementary

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



17.5283, 22.4979, 14.4850



17.5963, 14.7424, 26.3454

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.



27.5145, 22.4979, 29.0917



17.5283, 22.4979, 14.4850



22.9200, 22.4979, 44.4036

Square

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



17.5283, 22.4979, 14.4850



17.5203, 22.4979, 38.2662



25.7664, 22.4979, 38.3014



25.7767, 22.4979, 14.5035

Rectangle

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



17.5283, 22.4979, 14.4850



16.0904, 22.4979, 25.9598



25.7664, 22.4979, 38.3014



27.7263, 22.4979, 23.0890

Sweetspot

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



17.5289, 22.4989, 14.4855



39.7305, 44.2443, 41.9267



20.3254, 21.4659, 14.1387



9.0244, 10.1332, 9.4036



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.



17.5289, 22.4989, 14.4855



29.2089, 39.2510, 21.9747



16.6233, 21.9795, 16.8169



5.0944, 5.6714, 5.3786



9.0959, 17.0591, 2.8133



0.0732, 0.1199, 0.0193

Inverse Universe

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



17.5963, 14.7424, 26.3454



29.3428, 23.1056, 46.6563



18.8392, 15.4585, 22.9996



5.1001, 5.0600, 6.3137



8.9878, 4.1475, 22.3725



0.0740, 0.0349, 0.1493

Previews

White Background



This preview shows how the XYZ color 17.5283, 22.4979, 14.4850 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 17.5283, 22.4979, 14.4850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

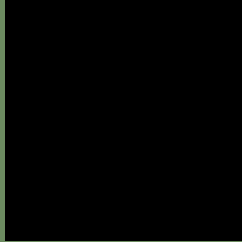
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.5283, 22.4979, 14.4850

Background



This preview shows how black text looks on a background with the XYZ color 17.5283, 22.4979, 14.4850.



This preview shows how white text looks on a background with the XYZ color 17.5283, 22.4979,

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

17.5283, 22.4979, 14.4850

Protanopia

20.7296, 22.3134, 13.3396

Deuteranopia

22.7226, 22.3404, 14.9189



Tritanopia

20.6240, 22.5017, 29.6418

Trichromacy



Original Color

17.5283, 22.4979, 14.4850

Protanomaly

19.2654, 22.1546, 13.6168

Deuteranomaly

20.5038, 22.1655, 14.7530

Tritanomaly

19.3048, 22.3710, 23.3792

Monochromacy



Original Color

17.5283, 22.4979, 14.4850

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.6276, 21.1021, 19.0109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5283, 22.4979, 14.4850 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(108, 139, 96)` looks like.

```
.text, #text, p{  
    color:rgb(108, 139, 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(108, 139, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 139, 96) }
```

Border

The CSS property to change the border of an element to XYZ 17.5283, 22.4979, 14.4850 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(108, 139, 96) }
```


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

```
.border{ border-color:rgb(108, 139, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 139, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 139, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 139, 96);  
box-shadow:4px 4px 4px 4px rgb(108, 139,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5283, 22.4979, 14.4850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 139, 96) }
```

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

```
.background{ background-color: rgb(108,  
139, 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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