

Converting Colors

XYZ(17.8491, 21.8851, 17.4707)

Have a look what the booklet for
XYZ(17.8491, 21.8851, 17.4707)
contains.

XYZ(17.9413, 22.0060, 17.4893)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.9413, 22.0060,
17.4893)**

Conversions

Conversions Part 1

Format	Color
Hex	6E886C
RGB	110, 136, 108
RGB Percent	43%, 53%, 42%
CMY	0.5686, 0.4667, 0.5765
CMYK	0.19, 0.00, 0.21, 0.47
HSL	116°, 11%, 48%
HSV	116°, 21%, 53%
XYZ	17.9413, 22.0060, 17.4893
YIQ	125.0340, -6.5080, -14.2200

Conversions

Conversions Part 2

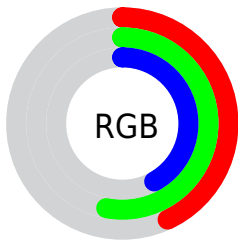
Format	Color
RYB	108, 136, 134
Decimal	7243884
CIELab	54.03, -15.05, 12.03
CIELCh	54, 19.266, 141.362
Yxy	22.0060, 0.3124, 0.3831
Android (android.graphics.Color)	4285433964 (0xFF6E886C)
YUV	125.0340, -8.3978, -13.1848
Hunter-Lab	46.9106, -13.8248, 10.7328

Details

The XYZ color **17.9413, 22.0060, 17.4893** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.6389, 17.5716, 25.6503**, and the grayscale version is **19.5338, 20.5511, 22.3802**.

A 20% lighter version of the original color is **39.3559, 46.5798, 39.7174**, and **6.1300, 8.0060, 5.4972** is the 20% darker color. If you saturate the color by 10%, you get **15.8124, 20.9864, 13.9016**, and if you desaturate by 10%, it is **20.4083, 23.1882, 21.6833**.

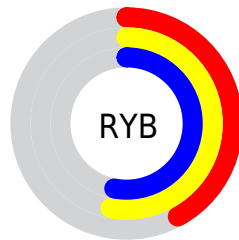
Distribution



Red (43%)

Green (53%)

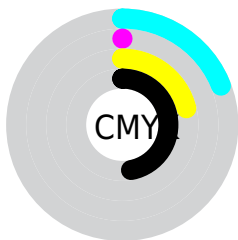
Blue (42%)



Red (42%)

Yellow (53%)

Blue (53%)

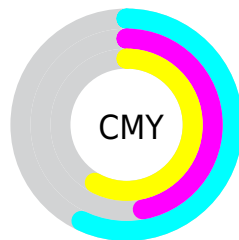


Cyan (19%)

Magenta (0%)

Yellow (21%)

Black (47%)



Cyan (57%)

Magenta (47%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9413, 22.0060, 17.4893 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 17.9413, 22.0060, 17.4893 by changing the saturation by 10% instead.

■ 17.9413, 22.0060,
17.4893

■ 17.9413, 22.0060,
17.4893

233.5920,
262.5776, 250.1152

■ 11.0073, 13.8613,
10.4183

■ 39.4681, 46.7559,
39.9673

■ 6.1391, 8.0243,
5.5680

■ 54.7917, 64.1299,
56.2114

■ 2.9713, 4.1105,
2.5197

■ 73.6424, 85.3492,
76.3502

■ 1.1386, 1.7356,
0.8506

■ 96.3858, 110.7980,
100.8024

■ 0.0570, 0.4465,
0.0000

123.3870,
140.8609, 129.9865

■ 0.0000, 0.0000,
0.0000

155.0116,

175.9222, 164.3209

191.6248,
216.3663, 204.2243

■ 17.9413, 22.0060,
17.4893

■ 17.9413, 22.0060,
17.4893

■ 15.8124, 20.9864,
13.9016

■ 20.4083, 23.1882,
21.6833

■ 14.0053, 20.1195,
10.8907

■ 23.2254, 24.5365,
26.5081

■ 12.5046, 19.3989,
8.4270

■ 26.4061, 26.0583,
31.9889

■ 11.2935, 18.8164,
6.4777

■ 29.9629, 27.7592,
38.1491

■ 10.3532, 18.3633,
5.0062

■ 33.9073, 29.6448,
45.0106

■ 9.6627, 18.0295,
3.9716

■ 38.2508, 31.7206,
52.5946

■ 9.1980, 17.8037,
3.3257

■ 43.0039, 33.9916,
60.9214

■ 8.9261, 17.6718,
2.9406

■ 48.1772, 36.4627,
70.0105

■ 53.7806, 39.1386,
79.8805

Harmonies

Analogous

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



19.4909, 22.0060, 14.7882



17.9413, 22.0060, 17.4893



17.2014, 22.0060, 22.2792

Triad

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



17.9413, 22.0060, 17.4893



20.3203, 22.0060, 37.1825



24.8716, 22.0060, 20.0211

Complementary

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



17.9413, 22.0060, 17.4893



19.6389, 17.5716, 25.6503

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.



25.1304, 22.0060, 25.7249



17.9413, 22.0060, 17.4893



22.4090, 22.0060, 36.3077

Square

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



17.9413, 22.0060, 17.4893



18.5139, 22.0060, 34.0823



24.2027, 22.0060, 31.8592



23.5175, 22.0060, 16.0723

Rectangle

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



17.9413, 22.0060, 17.4893



17.2304, 22.0060, 26.2921



24.2027, 22.0060, 31.8592



25.0930, 22.0060, 21.7715

Sweetspot

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



17.9419, 22.0069, 17.4898



38.0996, 41.8849, 41.8617



21.3402, 23.2762, 17.5557



8.7616, 9.6705, 9.5889



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.9419, 22.0069, 17.4898



29.6861, 37.8554, 27.5586



18.3591, 22.1454, 20.9709



5.0028, 5.6242, 5.3743



8.4514, 16.7268, 2.7832



0.0599, 0.1131, 0.0187

Inverse Universe

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



19.6389, 17.5716, 25.6503



33.2691, 28.4875, 44.7935



19.1759, 17.4236, 21.5326



5.1992, 5.1111, 6.3184



12.3933, 5.9031, 22.5319



0.0872, 0.0417, 0.1499

Previews

White Background



This preview shows how the XYZ color 17.9413, 22.0060, 17.4893 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 17.9413, 22.0060, 17.4893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

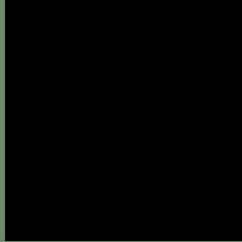
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.9413, 22.0060, 17.4893

Background



This preview shows how black text looks on a background with the XYZ color 17.9413, 22.0060, 17.4893.



This preview shows how white text looks on a background with the XYZ color 17.9413, 22.0060,

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

17.9413, 22.0060, 17.4893

Protanopia

20.6655, 22.0184, 16.2575

Deuteranopia

22.2349, 21.8370, 17.7949



Tritanopia

20.2012, 21.8986, 28.7533

Trichromacy



Original Color

17.9413, 22.0060, 17.4893

Protanomaly

19.5535, 22.0345, 16.5871

Deuteranomaly

20.3110, 21.6108, 17.5688

Tritanomaly

19.3562, 21.9642, 24.3384

Monochromacy



Original Color

17.9413, 22.0060, 17.4893

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.9258, 21.0255, 20.5136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9413, 22.0060, 17.4893 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(110, 136, 108)` looks like.

```
.text, #text, p{  
    color:rgb(110, 136, 108)  
}
```

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(110, 136, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 136, 108) }
```

Border

The CSS property to change the border of an element to XYZ 17.9413, 22.0060, 17.4893 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(110, 136, 108) }
```


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

```
.border{ border-color:rgb(110, 136, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 136, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 136, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 136, 108);  
box-shadow:4px 4px 4px 4px rgb(110, 136,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9413, 22.0060, 17.4893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 136, 108) }
```

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

```
.background{ background-color: rgb(110,  
136, 108) }
```

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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