

Converting Colors

XYZ(18.0389, 22.2105, 14.2581)

Have a look what the booklet for
XYZ(18.0389, 22.2105, 14.2581)
contains.

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Color

**XYZ(17.9399, 22.0794,
14.1427)**

Conversions

Conversions Part 1

Format	Color
Hex	73885F
RGB	115, 136, 95
RGB Percent	45%, 53%, 37%
CMY	0.5490, 0.4667, 0.6274
CMYK	0.15, 0.00, 0.30, 0.47
HSL	91°, 18%, 45%
HSV	91°, 30%, 53%
XYZ	17.9399, 22.0794, 14.1427
YIQ	125.0470, 0.6450, -17.2030

Conversions

Conversions Part 2

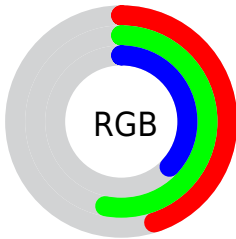
Format	Color
R_{YB}	95, 136, 116
Decimal	7571551
CIE Lab	54.11, -15.39, 19.59
CIE LCh	54, 24.916, 128.150
Yxy	22.0794, 0.3312, 0.4077
Android (android.graphics.Color)	4285761631 (0xFF73885F)
YUV	125.0470, -14.8132, -8.8112
Hunter-Lab	46.9887, -14.0805, 15.0470

Details

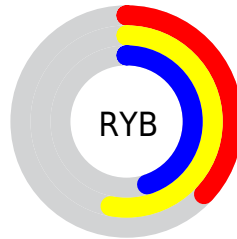
The XYZ color **17.9399, 22.0794, 14.1427** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.7396, 13.6757, 25.1039**, and the grayscale version is **19.5574, 20.5760, 22.4072**.

A 20% lighter version of the original color is **39.3223, 46.6860, 34.1329**, and **6.1081, 8.0272, 4.0238** is the 20% darker color. If you saturate the color by 10%, you get **16.4933, 21.3996, 11.1249**, and if you desaturate by 10%, it is **19.5649, 22.8400, 17.7332**.

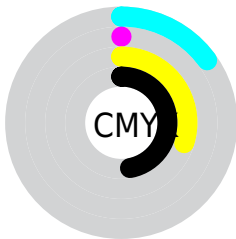
Distribution



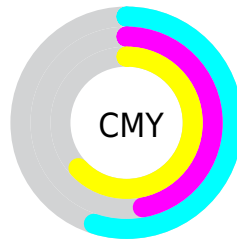
- Red (45%)
- Green (53%)
- Blue (37%)



- Red (37%)
- Yellow (53%)
- Blue (45%)



- Cyan (15%)
- Magenta (0%)
- Yellow (30%)
- Black (47%)



- Cyan (55%)
- Magenta (47%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9399, 22.0794, 14.1427 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 17.9399, 22.0794, 14.1427 by changing the saturation by 10% instead.

■ 17.9399, 22.0794,
14.1427

■ 17.9399, 22.0794,
14.1427

233.5842,
262.9606, 229.5760

■ 11.0063, 13.9153,
8.0801

■ 39.4658, 46.8772,
34.0628

■ 6.1384, 8.0617,
4.0577

■ 54.7887, 64.2796,
48.7573

■ 2.9709, 4.1345,
1.6571

■ 73.6389, 85.5303,
67.1663

■ 1.1384, 1.7491,
0.3311

■ 96.3815, 111.0135,
89.7082

■ 0.0569, 0.4551,
0.0000

123.3820,
141.1138, 116.8016

■ 0.0000, 0.0000,
0.0000

155.0057,

176.2155, 148.8650

191.6180,
216.7030, 186.3169

■ 17.9399, 22.0794,
14.1427

■ 17.9399, 22.0794,
14.1427

■ 16.4933, 21.3996,
11.1249

■ 19.5649, 22.8400,
17.7332

■ 15.2162, 20.7947,
8.6488

■ 21.3732, 23.6814,
21.9225

■ 14.1015, 20.2624,
6.6826

■ 23.3717, 24.6072,
26.7368

■ 13.1408, 19.7992,
5.1904

■ 25.5664, 25.6199,
32.2003

■ 12.3247, 19.4011,
4.1321

■ 27.9630, 26.7221,
38.3359

■ 11.6426, 19.0636,
3.4604

■ 30.5668, 27.9159,
45.1653

■ 11.0740, 18.7792,
3.0411

■ 33.3832, 29.2038,
52.7095

■ 36.4172, 30.5877,
60.9883

■ 39.6735, 32.0699,
70.0209

Harmonies

Analogous

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



20.2585, 22.0794, 12.1233



17.9399, 22.0794, 14.1427



16.5272, 22.0794, 18.9215

Triad

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



17.9399, 22.0794, 14.1427



19.1126, 22.0794, 40.6468



26.5549, 22.0794, 21.9943

Complementary

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



17.9399, 22.0794, 14.1427



15.7396, 13.6757, 25.1039

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.



26.1818, 22.0794, 30.0089



17.9399, 22.0794, 14.1427



21.7303, 22.0794, 41.9634

Square

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



17.9399, 22.0794, 14.1427



17.1627, 22.0794, 34.4426



24.3583, 22.0794, 37.7287



25.3382, 22.0794, 15.9773

Rectangle

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



17.9399, 22.0794, 14.1427



16.2135, 22.0794, 23.5639



24.3583, 22.0794, 37.7287



26.6132, 22.0794, 24.5239

Sweetspot

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



17.9405, 22.0804, 14.1432



37.9847, 41.8802, 39.3919



18.4077, 18.4371, 13.4153



8.6963, 9.6523, 8.8847



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.



17.9405, 22.0804, 14.1432



29.8890, 38.0991, 21.2859



15.5897, 20.8685, 14.0332



5.1889, 5.7201, 5.3830



10.4913, 17.7785, 2.8786



0.0865, 0.1268, 0.0199

Inverse Universe

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



15.7396, 13.6757, 25.1039



25.3799, 20.8804, 43.7410



18.6904, 15.1969, 25.2420



5.0029, 5.0099, 6.3092



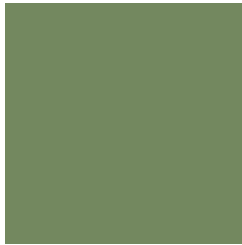
6.5848, 2.9087, 22.2601



0.0606, 0.0280, 0.1487

Previews

White Background



This preview shows how the XYZ color 17.9399, 22.0794, 14.1427 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 17.9399, 22.0794, 14.1427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

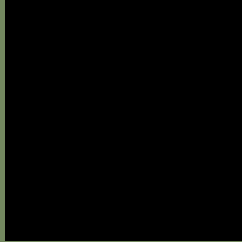
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.9399, 22.0794, 14.1427

Background



This preview shows how black text looks on a background with the XYZ color 17.9399, 22.0794, 14.1427.



This preview shows how white text looks on a background with the XYZ color 17.9399, 22.0794,

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

17.9399, 22.0794, 14.1427

Protanopia

20.4295, 21.9622, 13.2876

Deuteranopia

22.3612, 21.9725, 14.6178



Tritanopia

20.8164, 22.0259, 28.3536

Trichromacy



Original Color

17.9399, 22.0794, 14.1427

Protanomaly

19.4330, 22.0387, 13.5856

Deuteranomaly

20.5243, 21.7904, 14.4335

Tritanomaly

19.4971, 21.8797, 22.2644

Monochromacy



Original Color

17.9399, 22.0794, 14.1427

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.7727, 20.9804, 18.9798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9399, 22.0794, 14.1427 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(115, 136, 95)` looks like.

```
.text, #text, p{  
    color:rgb(115, 136, 95)  
}
```

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(115, 136, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 136, 95) }
```

Border

The CSS property to change the border of an element to XYZ 17.9399, 22.0794, 14.1427 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(115, 136, 95) }
```


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

```
.border{ border-color:rgb(115, 136, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 136, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 136, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 136, 95);  
box-shadow:4px 4px 4px 4px rgb(115, 136,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9399, 22.0794, 14.1427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 136, 95) }
```

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

```
.background{ background-color: rgb(115,  
136, 95) }
```

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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