

Converting Colors

XYZ(14.1391, 21.5320, 22.7761)

Have a look what the booklet for
XYZ(14.1391, 21.5320, 22.7761)
contains.

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Color

**XYZ(14.0892, 21.4169,
22.7933)**

Conversions

Conversions Part 1

Format	Color
Hex	1F8F7D
RGB	31, 143, 125
RGB Percent	12%, 56%, 49%
CMY	0.8784, 0.4392, 0.5098
CMYK	0.78, 0.00, 0.13, 0.44
HSL	170°, 64%, 34%
HSV	170°, 78%, 56%
XYZ	14.0892, 21.4169, 22.7933
YIQ	107.4600, -60.9740, -29.3420

Conversions

Conversions Part 2

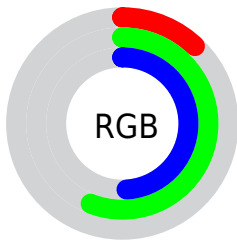
Format	Color
R_{YB}	31, 92, 143
Decimal	2068349
CIE _{Lab}	53.40, -34.53, 0.91
CIE _{LCh}	53, 34.544, 178.496
Y _{xy}	21.4169, 0.2417, 0.3674
Android (android.graphics.Color)	4280258429 (0xFF1F8F7D)
YUV	107.4600, 8.6472, -67.0554
Hunter-Lab	46.2784, -26.6439, 3.1930

Details

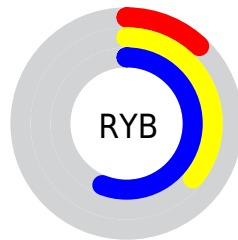
The XYZ color **14.0892, 21.4169, 22.7933** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **12.3728, 7.0420, 3.6137**, and the grayscale version is **14.0926, 14.8265, 16.1460**.

A 20% lighter version of the original color is **32.8260, 45.6337, 49.1975**, and **5.1317, 8.1761, 8.1452** is the 20% darker color. If you saturate the color by 10%, you get **13.6053, 21.1847, 22.0134**, and if you desaturate by 10%, it is **14.7689, 21.7506, 23.6011**.

Distribution



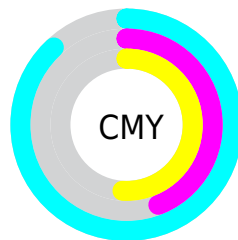
- Red (12%)
- Green (56%)
- Blue (49%)



- Red (12%)
- Yellow (36%)
- Blue (56%)



- Cyan (78%)
- Magenta (0%)
- Yellow (13%)
- Black (44%)



- Cyan (88%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0892, 21.4169, 22.7933 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 14.0892, 21.4169, 22.7933 by changing the saturation by 10% instead.

■ 14.0892, 21.4169,
22.7933

■ 14.0892, 21.4169,
22.7933

211.2846,
259.4859, 279.7490

■ 8.2648, 13.4291,
14.2371

■ 32.8322, 45.7803,
48.9726

■ 4.3181, 7.7247,
8.1451

■ 46.4815, 62.9248,
67.4327

■ 1.8836, 3.9193,
4.0988

■ 63.4698, 83.8902,
90.0313

■ 0.5673, 1.6285,
1.6797

■ 84.1626, 109.0610,
117.1868

■ 0.0000, 0.3767,
0.3468

■ 108.9251,
138.8215, 149.3178

■ 0.0000, 0.0000,
0.0000

■ 138.1227,

173.5563, 186.8428

172.1207,
213.6496, 230.1803

■ 14.0892, 21.4169,
22.7933

■ 14.0892, 21.4169,
22.7933

■ 13.6053, 21.1847,
22.0134

■ 14.7689, 21.7506,
23.6011

■ 13.2677, 21.0270,
21.2575

■ 15.6649, 22.1950,
24.4363

■ 13.2140, 21.0021,
21.1322

■ 16.7975, 22.7609,
25.3007

■ 18.1837, 23.4571,
26.1949

■ 19.8391, 24.2918,
27.1200

■ 21.7781, 25.2722,
28.0767

■ 24.0141, 26.4053,
29.0657

■ 26.5594, 27.6975,
30.0877

■ 29.4258, 29.1548,
31.1434

Harmonies

Analogous

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



14.9163, 21.4169, 14.2779



14.0892, 21.4169, 22.7933



14.7663, 21.4169, 34.3427

Triad

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



14.0892, 21.4169, 22.7933



23.9093, 21.4169, 45.9523



24.2679, 21.4169, 9.9908

Complementary

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



14.0892, 21.4169, 22.7933



12.3728, 7.0420, 3.6137

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.



27.2038, 21.4169, 14.9502



14.0892, 21.4169, 22.7933



26.9798, 21.4169, 35.5449

Square

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



14.0892, 21.4169, 22.7933



20.1716, 21.4169, 49.8948



28.2505, 21.4169, 23.8535



20.5418, 21.4169, 8.3963

Rectangle

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



14.0892, 21.4169, 22.7933



16.0316, 21.4169, 41.9497



28.2505, 21.4169, 23.8535



25.3958, 21.4169, 11.2289

Sweetspot

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



14.0898, 21.4177, 22.7938



37.1402, 44.3162, 49.3867



11.3695, 20.4144, 4.6379



8.2629, 10.0343, 11.1973



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.0898, 21.4177, 22.7938



23.9045, 37.7228, 38.3804



10.6435, 12.5149, 27.8422



5.5235, 6.1016, 6.7228



11.6897, 18.5717, 18.7178



0.1182, 0.1801, 0.2129

Inverse Universe

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



12.3728, 7.0420, 3.6137



20.7789, 10.8496, 2.9441



13.6631, 10.1141, 2.5288



5.4421, 5.4373, 5.8258



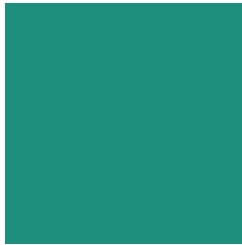
10.1580, 5.2202, 1.2173



0.1025, 0.0521, 0.0400

Previews

White Background



This preview shows how the XYZ color 14.0892, 21.4169, 22.7933 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 14.0892, 21.4169, 22.7933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

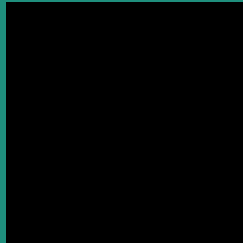
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.0892, 21.4169, 22.7933

Background



This preview shows how black text looks on a background with the XYZ color 14.0892, 21.4169, 22.7933.

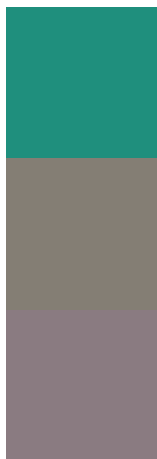


This preview shows how white text looks on a background with the XYZ color 14.0892, 21.4169,

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

14.0892, 21.4169, 22.7933

Protanopia

20.1290, 21.0882, 19.5325

Deuteranopia

21.5266, 21.1542, 23.7175



Tritanopia

16.0375, 21.3280, 32.5496

Trichromacy



Original Color

14.0892, 21.4169, 22.7933

Protanomaly

16.3004, 20.2673, 20.5056

Deuteranomaly

17.0245, 20.1764, 23.4192

Tritanomaly

15.2154, 21.2014, 28.8815

Monochromacy



Original Color

14.0892, 21.4169, 22.7933

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

12.9782, 16.3101, 18.3837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0892, 21.4169, 22.7933 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(31, 143, 125)` looks like.

```
.text, #text, p{  
    color:rgb(31, 143, 125)  
}
```

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(31, 143, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 143, 125) }
```

Border

The CSS property to change the border of an element to XYZ 14.0892, 21.4169, 22.7933 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(31, 143, 125) }
```


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

```
.border{ border-color:rgb(31, 143, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 143, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 143, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 143, 125);  
box-shadow:4px 4px 4px 4px rgb(31, 143,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0892, 21.4169, 22.7933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 143, 125) }
```

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

```
.background{ background-color: rgb(31, 143,  
125) }
```

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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