

Converting Colors

XYZ(14.3890, 21.7255, 25.9902)

Have a look what the booklet for
XYZ(14.3890, 21.7255, 25.9902)
contains.

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Color

**XYZ(14.3890, 21.7258,
25.9894)**

Conversions

Conversions Part 1

Format	Color
Hex	099086
RGB	9, 144, 134
RGB Percent	4%, 56%, 53%
CMY	0.9646, 0.4353, 0.4745
CMYK	0.94, 0.00, 0.07, 0.44
HSL	176°, 88%, 30%
HSV	176°, 94%, 56%
XYZ	14.3890, 21.7258, 25.9894
YIQ	102.4950, -77.2500, -31.7300

Conversions

Conversions Part 2

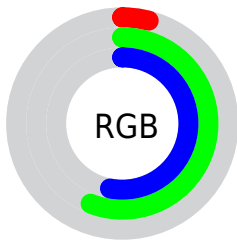
Format	Color
RYB	9, 79, 144
Decimal	626822
CIELab	53.73, -34.10, -3.83
CIElCh	54, 34.314, 186.409
Yxy	21.7258, 0.2317, 0.3498
Android (android.graphics.Color)	4278816902 (0xFF099086)
YUV	102.4950, 15.5320, -81.9951
Hunter-Lab	46.6109, -26.4654, -0.4313

Details

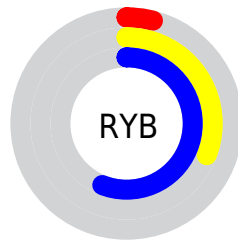
The XYZ color **14.3890, 21.7258, 25.9894** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11.7176, 6.1724, 1.1908**, and the grayscale version is **12.7358, 13.3991, 14.5916**.

A 20% lighter version of the original color is **33.2835, 46.0999, 54.1576**, and **5.5540, 8.4846, 9.9393** is the 20% darker color. If you saturate the color by 10%, you get **14.2303, 21.6498, 25.7399**, and if you desaturate by 10%, it is **14.7146, 21.8855, 26.3956**.

Distribution



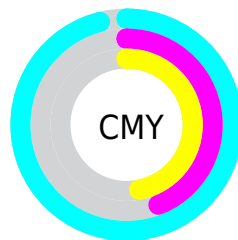
- Red (4%)
- Green (56%)
- Blue (53%)



- Red (4%)
- Yellow (31%)
- Blue (56%)



- Cyan (94%)
- Magenta (0%)
- Yellow (7%)
- Black (44%)



- Cyan (96%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3890, 21.7258, 25.9894 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 14.3890, 21.7258, 25.9894 by changing the saturation by 10% instead.

■ 14.3890, 21.7258,
25.9894

■ 14.3890, 21.7258,
25.9894

■ 213.1001,
261.1110, 296.3339

■ 8.4752, 13.6556,
16.5900

■ 33.3582, 46.2924,
54.2417

■ 4.4549, 7.8815,
9.7838

■ 47.1443, 63.5575,
73.9317

■ 1.9625, 4.0192,
5.1521

■ 64.2853, 84.6564,
97.8890

■ 0.6128, 1.6843,
2.2765

■ 85.1465, 109.9734,
126.5322

■ 0.0000, 0.4135,
0.7180

■ 110.0932,
139.8930, 160.2797

■ 0.0000, 0.0000,
0.0000

■ 139.4908,

174.7995, 199.5501

173.7046,
215.0774, 244.7620

■ 14.3890, 21.7258,
25.9894

■ 14.3890, 21.7258,
25.9894

■ 14.2303, 21.6498,
25.7399

■ 14.7146, 21.8855,
26.3956

■ 15.2198, 22.1372,
26.8136

■ 15.9310, 22.4950,
27.2452

■ 16.8693, 22.9699,
27.6915

■ 18.0535, 23.5713,
28.1531

■ 19.5001, 24.3080,
28.6311

■ 21.2245, 25.1878,
29.1260

■ 23.2407, 26.2179,
29.6386

■ 25.5618, 27.4051,
30.1694

Harmonies

Analogous

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



14.8231, 21.7258, 16.4406



14.3890, 21.7258, 25.9894



15.4650, 21.7258, 37.8287

Triad

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



14.3890, 21.7258, 25.9894



25.1382, 21.7258, 43.9866



23.6112, 21.7258, 9.5259

Complementary

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



14.3890, 21.7258, 25.9894



11.7176, 6.1724, 1.1908

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.



26.8802, 21.7258, 13.5555



14.3890, 21.7258, 25.9894



27.8324, 21.7258, 32.7224

Square

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



14.3890, 21.7258, 25.9894



21.4493, 21.7258, 50.0310



28.5050, 21.7258, 21.4661



19.8703, 21.7258, 8.6972

Rectangle

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



14.3890, 21.7258, 25.9894



16.9790, 21.7258, 44.8562



28.5050, 21.7258, 21.4661



24.8147, 21.7258, 10.4772

Sweetspot

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



14.3896, 21.7266, 25.9899



35.8998, 43.6410, 50.9437



10.3170, 20.1185, 3.5985



7.9681, 9.8730, 11.6048



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.



14.3896, 21.7266, 25.9899



25.0714, 38.1734, 45.2570



8.6171, 9.0119, 27.6717



5.5433, 6.1095, 6.8266



12.3953, 18.8540, 22.4337



0.1218, 0.1816, 0.2320

Inverse Universe

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



11.7176, 6.1724, 1.1908



20.3640, 10.4890, 1.3594



13.4568, 9.7600, 1.4336



5.4241, 5.4302, 5.7313



10.0707, 5.1853, 0.7576



0.0989, 0.0506, 0.0208

Previews

White Background



This preview shows how the XYZ color 14.3890, 21.7258, 25.9894 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 14.3890, 21.7258, 25.9894 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 14.3890, 21.7258, 25.9894

Background



This preview shows how black text looks on a background with the XYZ color 14.3890, 21.7258, 25.9894.

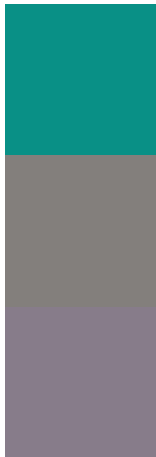


This preview shows how white text looks on a background with the XYZ color 14.3890, 21.7258,

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

14.3890, 21.7258, 25.9894

Protanopia

20.5875, 21.4593, 22.1258

Deuteranopia

21.7868, 21.4012, 27.0273



Tritanopia

15.9678, 21.7070, 33.4853

Trichromacy



Original Color

14.3890, 21.7258, 25.9894

Protanomaly

16.2143, 20.3598, 23.4973

Deuteranomaly

16.7515, 20.1626, 26.6758

Tritanomaly

15.2873, 21.6409, 30.5655

Monochromacy



Original Color

14.3890, 21.7258, 25.9894

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

11.9699, 15.4370, 18.2683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3890, 21.7258, 25.9894 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(9, 144, 134)` looks like.

```
.text, #text, p{  
    color:rgb(9, 144, 134)  
}
```

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(9, 144, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 144, 134) }
```

Border

The CSS property to change the border of an element to XYZ 14.3890, 21.7258, 25.9894 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(9, 144, 134) }
```


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

```
.border{ border-color:rgb(9, 144, 134) }
```

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

Here you see how a box with a 4 pixel rgb(9, 144, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 144, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 144, 134);  
box-shadow:4px 4px 4px 4px rgb(9, 144,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3890, 21.7258, 25.9894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 144, 134) }
```

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

```
.background{ background-color: rgb(9, 144,  
134) }
```

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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