

Converting Colors

XYZ(7.8350, 18.4187, 24.1539)

Have a look what the booklet for
XYZ(7.8350, 18.4187, 24.1539)
contains.

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Color

**XYZ(14.0025, 21.5582,
24.5422)**

Conversions

Conversions Part 1

Format	Color
Hex	009082
RGB	0, 144, 130
RGB Percent	0%, 56%, 51%
CMY	0.9999, 0.4353, 0.4902
CMYK	1.00, 0.00, 0.10, 0.44
HSL	174°, 100%, 28%
HSV	174°, 100%, 56%
XYZ	14.0025, 21.5582, 24.5422
YIQ	99.3480, -81.3300, -34.8820

Conversions

Conversions Part 2

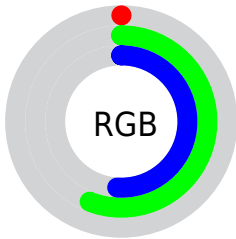
Format	Color
RYB	0, 76, 144
Decimal	36994
CIELab	53.56, -35.73, -1.79
CIELCh	54, 35.777, 182.873
Yxy	21.5582, 0.2330, 0.3587
Android (android.graphics.Color)	4278227074 (0xFF009082)
YUV	99.3480, 15.1114, -87.1282
Hunter-Lab	46.4308, -27.4223, 1.1623

Details

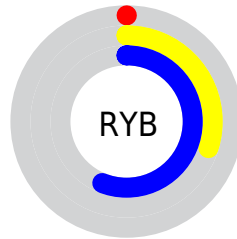
The XYZ color **14.0025, 21.5582, 24.5422** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11.5815, 5.9616, 0.9564**, and the grayscale version is **11.9267, 12.5479, 13.6646**.

A 20% lighter version of the original color is **32.8084, 46.2442, 51.9966**, and **5.3996, 8.4228, 9.1258** is the 20% darker color. If you saturate the color by 10%, you get **14.0028, 21.5589, 24.5421**, and if you desaturate by 10%, it is **14.2852, 21.6935, 25.0500**.

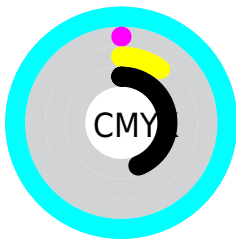
Distribution



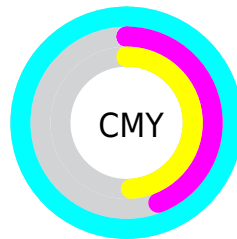
- Red (0%)
- Green (56%)
- Blue (51%)



- Red (0%)
- Yellow (30%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0025, 21.5582, 24.5422 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 14.0025, 21.5582, 24.5422 by changing the saturation by 10% instead.

■ 14.0025, 21.5582,
24.5422

■ 14.0025, 21.5582,
24.5422

■ 210.7567,
260.2303, 288.9247

■ 8.2041, 13.5326,
15.5204

■ 32.6797, 46.0147,
51.8684

■ 4.2787, 7.7963,
9.0348

■ 46.2892, 63.2144,
71.0099

■ 1.8610, 3.9649,
4.6667

■ 63.2332, 84.2410,
94.3618

■ 0.5540, 1.6539,
1.9978

■ 83.8769, 109.4788,
122.3425

■ 0.0000, 0.3936,
0.5539

■ 108.5857,
139.3123, 155.3706

■ 0.0000, 0.0000,
0.0000

■ 137.7251,

174.1257, 193.8646

171.6603,
214.3036, 238.2431

■ 14.0025, 21.5582,
24.5422

■ 14.0025, 21.5582,
24.5422

■ 14.0028, 21.5589,
24.5421

■ 14.2852, 21.6935,
25.0500

■ 14.6951, 21.8937,
25.5699

■ 15.2961, 22.1923,
26.1055

■ 16.1120, 22.6016,
26.6579

■ 17.1629, 23.1318,
27.2281

■ 18.4666, 23.7922,
27.8169

■ 20.0391, 24.5910,
28.4252

■ 21.8954, 25.5360,
29.0536

■ 24.0490, 26.6340,
29.7028

Harmonies

Analogous

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



14.6305, 21.5582, 15.1381



14.0025, 21.5582, 24.5422



14.9263, 21.5582, 36.8227

Triad

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



14.0025, 21.5582, 24.5422



24.7356, 21.5582, 45.9083



24.0205, 21.5582, 9.3006

Complementary

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



14.0025, 21.5582, 24.5422



11.5815, 5.9616, 0.9564

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.



27.2896, 21.5582, 13.8169



14.0025, 21.5582, 24.5422



27.7371, 21.5582, 34.4144

Square

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



14.0025, 21.5582, 24.5422



20.8604, 21.5582, 51.3284



28.7247, 21.5582, 22.4357



20.1249, 21.5582, 8.1219

Rectangle

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



14.0025, 21.5582, 24.5422



16.3740, 21.5582, 44.5238



28.7247, 21.5582, 22.4357



25.2446, 21.5582, 10.3913

Sweetspot

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



14.0031, 21.5590, 24.5427



35.1550, 43.2757, 50.0656



10.1613, 20.0439, 3.3338



7.8110, 9.7966, 11.3874



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.



14.0031, 21.5590, 24.5427



24.6630, 38.0100, 43.1064



8.3949, 8.7347, 27.6299



5.5380, 6.1074, 6.7988



12.1983, 18.7752, 21.3960



0.1209, 0.1812, 0.2269

Inverse Universe

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



11.5815, 5.9616, 0.9564



20.3962, 10.5019, 1.5287



12.9956, 8.9165, 1.0366



5.4289, 5.4321, 5.7565



10.0894, 5.1928, 0.8561



0.0998, 0.0510, 0.0259

Previews

White Background



This preview shows how the XYZ color 14.0025, 21.5582, 24.5422 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 14.0025, 21.5582, 24.5422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

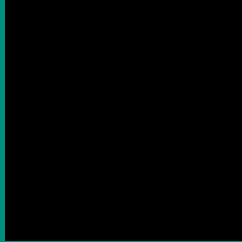
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.0025, 21.5582, 24.5422

Background



This preview shows how black text looks on a background with the XYZ color 14.0025, 21.5582, 24.5422.

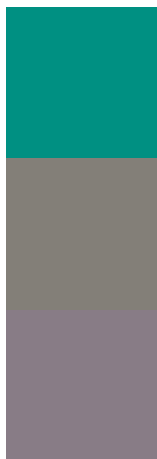


This preview shows how white text looks on a background with the XYZ color 14.0025, 21.5582,

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

14.0025, 21.5582, 24.5422

Protanopia

20.3396, 21.3601, 20.8202

Deuteranopia

21.6641, 21.3708, 25.5374



Tritanopia

15.9199, 21.6918, 33.0536

Trichromacy



Original Color

14.0025, 21.5582, 24.5422

Protanomaly

15.5929, 20.0693, 22.1207

Deuteranomaly

16.2804, 19.9523, 25.1834

Tritanomaly

15.0604, 21.5418, 29.7498

Monochromacy



Original Color

14.0025, 21.5582, 24.5422

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

10.9951, 14.4440, 16.9603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0025, 21.5582, 24.5422 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(0, 144, 130)` looks like.

```
.text, #text, p{  
    color:rgb(0, 144, 130)  
}
```

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(0, 144, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 144, 130) }
```

Border

The CSS property to change the border of an element to XYZ 14.0025, 21.5582, 24.5422 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(0, 144, 130) }
```


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

```
.border{ border-color:rgb(0, 144, 130) }
```

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

Here you see how a box with a 4 pixel rgb(0, 144, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 144, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 144, 130);  
box-shadow:4px 4px 4px 4px rgb(0, 144,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0025, 21.5582, 24.5422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 144, 130) }
```

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

```
.background{ background-color: rgb(0, 144,  
130) }
```

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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