

Converting Colors

XYZ(5.0993, 17.6842, 23.9348)

Have a look what the booklet for
XYZ(5.0993, 17.6842, 23.9348)
contains.

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Color

**XYZ(14.3962, 22.4524,
24.3439)**

Conversions

Conversions Part 1

Format	Color
Hex	009381
RGB	0, 147, 129
RGB Percent	0%, 58%, 51%
CMY	0.9999, 0.4235, 0.4941
CMYK	1.00, 0.00, 0.12, 0.42
HSL	173°, 100%, 29%
HSV	173°, 100%, 58%
XYZ	14.3962, 22.4524, 24.3439
YIQ	100.9950, -81.8340, -36.7620

Conversions

Conversions Part 2

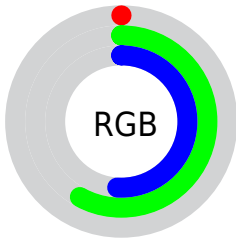
Format	Color
RYB	0, 78, 147
Decimal	37761
CIELab	54.50, -37.37, 0.17
CIELCh	55, 37.370, 179.738
Yxy	22.4524, 0.2353, 0.3669
Android (android.graphics.Color)	4278227841 (0xFF009381)
YUV	100.9950, 13.8065, -88.5726
Hunter-Lab	47.3840, -28.6901, 2.7081

Details

The XYZ color **14.3962, 22.4524, 24.3439** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **12.1426, 6.2474, 1.1391**, and the grayscale version is **12.3508, 12.9940, 14.1505**.

A 20% lighter version of the original color is **33.4945, 47.6447, 51.6870**, and **5.5402, 8.7636, 8.9890** is the 20% darker color. If you saturate the color by 10%, you get **14.3964, 22.4531, 24.3435**, and if you desaturate by 10%, it is **14.7098, 22.6007, 24.9894**.

Distribution



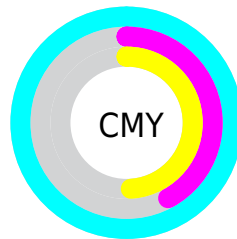
- Red (0%)
- Green (58%)
- Blue (51%)



- Red (0%)
- Yellow (31%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3962, 22.4524, 24.3439 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 14.3962, 22.4524, 24.3439 by changing the saturation by 10% instead.

■ 14.3962, 22.4524,
24.3439

■ 14.3962, 22.4524,
24.3439

213.1435,
264.8998, 287.8969

■ 8.4803, 14.1897,
15.3744

■ 33.3708, 47.4926,
51.5417

■ 4.4582, 8.2527,
8.9330

■ 47.1602, 65.0389,
70.6070

■ 1.9644, 4.2571,
4.6013

■ 64.3048, 86.4484,
93.8746

■ 0.6139, 1.8184,
1.9607

■ 85.1700, 112.1057,
121.7632

■ 0.0000, 0.4986,
0.5309

■ 110.1211,
142.3951, 154.6911

■ 0.0000, 0.0000,
0.0000

■ 139.5235,

177.7010, 193.0770

173.7425,
218.4077, 237.3394

■ 14.3962, 22.4524,
24.3439

■ 14.3962, 22.4524,
24.3439

■ 14.3964, 22.4531,
24.3435

■ 14.7098, 22.6007,
24.9894

■ 15.1589, 22.8180,
25.6517

■ 15.8092, 23.1388,
26.3346

■ 16.6855, 23.5758,
27.0393

■ 17.8091, 24.1401,
27.7668

■ 19.1987, 24.8413,
28.5179

■ 20.8714, 25.6882,
29.2937

■ 22.8427, 26.6887,
30.0949

■ 25.1269, 27.8503,
30.9221

Harmonies

Analogous

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



15.2372, 22.4524, 14.7539



14.3962, 22.4524, 24.3439



15.2084, 22.4524, 37.4229

Triad

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



14.3962, 22.4524, 24.3439



25.4885, 22.4524, 49.7149



25.5587, 22.4524, 9.6860

Complementary

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



14.3962, 22.4524, 24.3439



12.1426, 6.2474, 1.1391

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.



28.9320, 22.4524, 14.8817



14.3962, 22.4524, 24.3439



28.8879, 22.4524, 37.6605

Square

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



14.3962, 22.4524, 24.3439



21.3044, 22.4524, 54.6346



30.2206, 22.4524, 24.5501



21.3763, 22.4524, 8.1215

Rectangle

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



14.3962, 22.4524, 24.3439



16.6460, 22.4524, 46.0039



30.2206, 22.4524, 24.5501



26.8433, 22.4524, 10.9622

Sweetspot

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



14.3968, 22.4533, 24.3444



37.1721, 45.8989, 52.3704



10.7150, 21.0129, 3.4918



8.2124, 10.3393, 11.8325



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.3968, 22.4533, 24.3444



25.7372, 40.1915, 43.3628



9.1908, 9.9546, 29.0417



5.9339, 6.5501, 7.2626



12.4866, 19.4674, 21.1359



0.1598, 0.2410, 0.2951

Inverse Universe

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



12.1426, 6.2474, 1.1391



21.7077, 11.1724, 1.8453



13.3483, 8.8336, 1.0021



5.8280, 5.8263, 6.2004



10.5318, 5.4178, 1.0154



0.1345, 0.0686, 0.0420

Previews

White Background



This preview shows how the XYZ color 14.3962, 22.4524, 24.3439 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 14.3962, 22.4524, 24.3439 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 14.3962, 22.4524, 24.3439

Background



This preview shows how black text looks on a background with the XYZ color 14.3962, 22.4524, 24.3439.

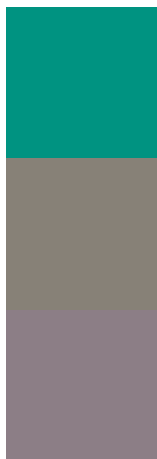


This preview shows how white text looks on a background with the XYZ color 14.3962, 22.4524,

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

14.3962, 22.4524, 24.3439

Protanopia

21.1717, 22.1833, 20.6187

Deuteranopia

22.5791, 22.2184, 25.6528



Tritanopia

16.5756, 22.4428, 34.4686

Trichromacy



Original Color

14.3962, 22.4524, 24.3439

Protanomaly

16.2171, 21.0168, 21.9408

Deuteranomaly

16.8098, 20.8400, 24.9663

Tritanomaly

15.5625, 22.2285, 30.6644

Monochromacy



Original Color

14.3962, 22.4524, 24.3439

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.4620, 15.1946, 17.3677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3962, 22.4524, 24.3439 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, 147, 129)` looks like.

```
.text, #text, p{  
    color:rgb(0, 147, 129)  
}
```

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, 147, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 147, 129) }
```

Border

The CSS property to change the border of an element to XYZ 14.3962, 22.4524, 24.3439 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, 147, 129) }
```


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

```
.border{ border-color:rgb(0, 147, 129) }
```

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

Here you see how a box with a 4 pixel rgb(0, 147, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 147, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 147, 129);  
box-shadow:4px 4px 4px 4px rgb(0, 147,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3962, 22.4524, 24.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 147, 129) }
```

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

```
.background{ background-color: rgb(0, 147,  
129) }
```

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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