

Converting Colors

XYZ(14.5927, 21.0384, 31.3934)

Have a look what the booklet for
XYZ(14.5927, 21.0384, 31.3934)
contains.

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Color

**XYZ(14.8702, 21.1879,
31.3229)**

Conversions

Conversions Part 1

Format	Color
Hex	008D94
RGB	0, 141, 148
RGB Percent	0%, 55%, 58%
CMY	0.9999, 0.4471, 0.4196
CMYK	1.00, 0.05, 0.00, 0.42
HSL	183°, 100%, 29%
HSV	183°, 100%, 58%
XYZ	14.8702, 21.1879, 31.3229
YIQ	99.6390, -86.2830, -27.7150

Conversions

Conversions Part 2

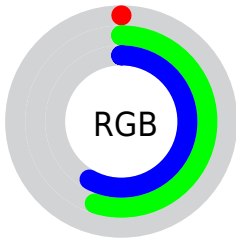
Format	Color
RYB	0, 72, 148
Decimal	36244
CIELab	53.15, -28.66, -12.80
CIELCh	53, 31.387, 204.059
Yxy	21.1879, 0.2207, 0.3144
Android (android.graphics.Color)	4278226324 (0xFF008D94)
YUV	99.6390, 23.8420, -87.3834
Hunter-Lab	46.0303, -22.8882, -8.1247

Details

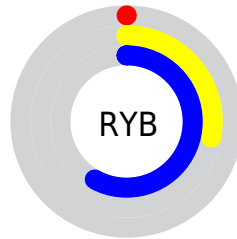
The XYZ color **14.8702, 21.1879, 31.3229** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12.2893, 6.4485, 0.5977**, and the grayscale version is **11.9804, 12.6044, 13.7261**.

A 20% lighter version of the original color is **34.2003, 45.3692, 62.8317**, and **5.8138, 8.1754, 12.5808** is the 20% darker color. If you saturate the color by 10%, you get **14.8704, 21.1882, 31.3233**, and if you desaturate by 10%, it is **15.1683, 21.4957, 31.3670**.

Distribution



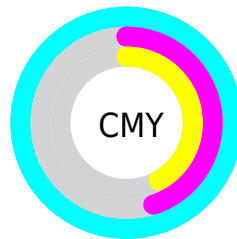
- Red (0%)
- Green (55%)
- Blue (58%)



- Red (0%)
- Yellow (28%)
- Blue (58%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8702, 21.1879, 31.3229 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 14.8702, 21.1879, 31.3229 by changing the saturation by 10% instead.

■ 14.8702, 21.1879,
31.3229

■ 14.8702, 21.1879,
31.3229

215.9832,
258.2754, 322.4203

■ 8.8141, 13.2614,
20.5843

■ 34.1988, 45.4000,
62.8336

■ 4.6762, 7.6088,
12.6322

■ 48.2021, 62.4545,
84.4428

■ 2.0914, 3.8457,
7.0481

■ 65.5850, 83.3204,
110.5127

■ 0.6845, 1.5876,
3.4133

■ 86.7130, 108.3821,
141.4617

■ 0.0000, 0.3492,
1.3093

■ 111.9515,
138.0241, 177.7084

■ 0.0000, 0.0000,
0.0694

■ 141.6658,

■ 0.0000, 0.0000,

172.6307, 219.6714

0.0000

176.2213,
212.5863, 267.7692

■ 14.8702, 21.1879,
31.3229

■ 14.8702, 21.1879,
31.3229

■ 14.8704, 21.1882,
31.3233

■ 15.1683, 21.4957,
31.3670

■ 15.6028, 21.8744,
31.4172

■ 16.2402, 22.3587,
31.4771

■ 17.1056, 22.9614,
31.5478

■ 18.2208, 23.6939,
31.6304

■ 19.6047, 24.5660,
31.7258

■ 21.2746, 25.5864,
31.8347

■ 23.2464, 26.7634,
31.9580

■ 25.5346, 28.1045,
32.0963

Harmonies

Analogous

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



14.4507, 21.1879, 21.2351



14.8702, 21.1879, 31.3229



16.6305, 21.1879, 41.1873

Triad

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



14.8702, 21.1879, 31.3229



25.7404, 21.1879, 35.5011



20.8042, 21.1879, 9.2795

Complementary

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



14.8702, 21.1879, 31.3229



12.2893, 6.4485, 0.5977

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.



24.1079, 21.1879, 11.2400



14.8702, 21.1879, 31.3229



27.1516, 21.1879, 25.0077

Square

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



14.8702, 21.1879, 31.3229



22.8448, 21.1879, 44.0255



26.5238, 21.1879, 16.4113



17.6548, 21.1879, 10.1123

Rectangle

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



14.8702, 21.1879, 31.3229



18.4413, 21.1879, 45.3966



26.5238, 21.1879, 16.4113



21.9367, 21.1879, 9.6118

Sweetspot

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



14.8709, 21.1887, 31.3234



37.3411, 45.0267, 56.1575



10.6175, 21.1911, 3.6730



8.2554, 10.1154, 12.8022



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.



14.8709, 21.1887, 31.3234



26.2014, 37.3123, 55.2556



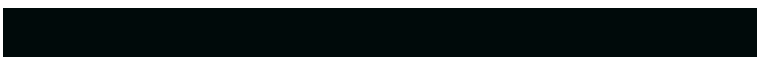
7.4787, 6.4044, 28.8594



5.9409, 6.5157, 7.4143



12.7072, 18.1092, 26.7567



0.1614, 0.2333, 0.3294

Inverse Universe

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



17.0211, 8.2197, 25.8896



30.0134, 14.4947, 45.5827



15.0051, 11.8801, 1.5029



6.0236, 5.9045, 7.2304



14.5411, 7.0215, 22.1282



0.1809, 0.0871, 0.2863

Previews

White Background



This preview shows how the XYZ color 14.8702, 21.1879, 31.3229 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 14.8702, 21.1879, 31.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

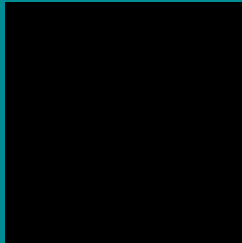
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.8702, 21.1879, 31.3229

Background



This preview shows how black text looks on a background with the XYZ color 14.8702, 21.1879, 31.3229.

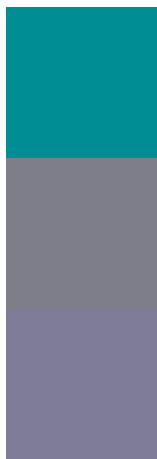


This preview shows how white text looks on a background with the XYZ color 14.8702, 21.1879,

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

14.8702, 21.1879, 31.3229

Protanopia

20.5057, 21.1167, 27.0399

Deuteranopia

21.4793, 21.1179, 32.6498



Tritanopia

15.2767, 21.1423, 32.9815

Trichromacy



Original Color

14.8702, 21.1879, 31.3229

Protanomaly

16.3071, 19.8911, 28.5711

Deuteranomaly

16.8768, 19.9051, 32.2307

Tritanomaly

15.1020, 21.0617, 32.5475

Monochromacy



Original Color

14.8702, 21.1879, 31.3229

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.4560, 14.6358, 19.0508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8702, 21.1879, 31.3229 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, 141, 148)` looks like.

```
.text, #text, p{  
    color:rgb(0, 141, 148)  
}
```

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, 141, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 141, 148) }
```

Border

The CSS property to change the border of an element to XYZ 14.8702, 21.1879, 31.3229 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, 141, 148) }
```


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

```
.border{ border-color:rgb(0, 141, 148) }
```

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

Here you see how a box with a 4 pixel rgb(0, 141, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 141, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 141, 148);  
box-shadow:4px 4px 4px 4px rgb(0, 141,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8702, 21.1879, 31.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 141, 148) }
```

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

```
.background{ background-color: rgb(0, 141,  
148) }
```

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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