

Converting Colors

XYZ(14.8826, 21.8999, 26.7280)

Have a look what the booklet for
XYZ(14.8826, 21.8999, 26.7280)
contains.

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Color

**XYZ(14.9239, 21.9853,
26.7496)**

Conversions

Conversions Part 1

Format	Color
Hex	1D9088
RGB	29, 144, 136
RGB Percent	11%, 56%, 53%
CMY	0.8862, 0.4353, 0.4667
CMYK	0.80, 0.00, 0.06, 0.44
HSL	176°, 66%, 34%
HSV	176°, 80%, 56%
XYZ	14.9239, 21.9853, 26.7496
YIQ	108.7030, -65.9720, -26.8680

Conversions

Conversions Part 2

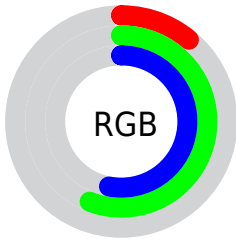
Format	Color
RYB	29, 89, 144
Decimal	1937544
CIELab	54.01, -32.03, -4.55
CIELCh	54, 32.351, 188.088
Yxy	21.9853, 0.2344, 0.3454
Android (android.graphics.Color)	4280127624 (0xFF1D9088)
YUV	108.7030, 13.4574, -69.8995
Hunter-Lab	46.8885, -25.2410, -1.0027

Details

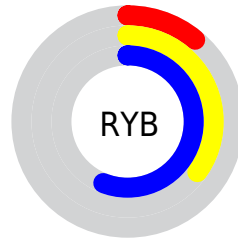
The XYZ color **14.9239, 21.9853, 26.7496** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **12.2756, 6.9423, 2.4441**, and the grayscale version is **14.4292, 15.1807, 16.5318**.

A 20% lighter version of the original color is **34.2033, 46.5491, 55.3263**, and **5.5941, 8.5006, 10.1500** is the 20% darker color. If you saturate the color by 10%, you get **14.5374, 21.7947, 26.3620**, and if you desaturate by 10%, it is **15.5027, 22.2759, 27.1507**.

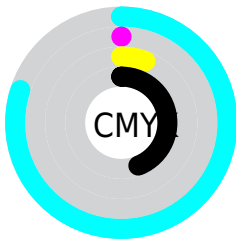
Distribution



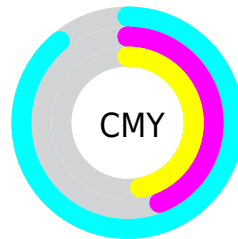
- Red (11%)
- Green (56%)
- Blue (53%)



- Red (11%)
- Yellow (35%)
- Blue (56%)



- Cyan (80%)
- Magenta (0%)
- Yellow (6%)
- Black (44%)



- Cyan (89%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9239, 21.9853, 26.7496 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 14.9239, 21.9853, 26.7496 by changing the saturation by 10% instead.

■ 14.9239, 21.9853,
26.7496

■ 14.9239, 21.9853,
26.7496

■ 216.3027,
262.4695, 300.1644

■ 8.8520, 13.8461,
17.1545

■ 34.2924, 46.7217,
55.4806

■ 4.7011, 8.0137,
10.1816

■ 48.3196, 64.0877,
75.4536

■ 2.1059, 4.1037,
5.4123

■ 65.7294, 85.2981,
99.7230

■ 0.6924, 1.7317,
2.4282

■ 86.8869, 110.7372,
128.7073

■ 0.0000, 0.4441,
0.8018

■ 112.1577,
140.7895, 162.8250

■ 0.0000, 0.0000,
0.0000

■ 141.9070,

175.8394, 202.4948

176.5002,
216.2713, 248.1350

■ 14.9239, 21.9853,
26.7496

■ 14.9239, 21.9853,
26.7496

■ 14.5374, 21.7947,
26.3620

■ 15.5027, 22.2759,
27.1507

■ 14.2791, 21.6697,
25.9833

■ 16.2952, 22.6761,
27.5648

■ 14.2755, 21.6679,
25.9779

■ 17.3224, 23.1972,
27.9933

■ 18.6020, 23.8484,
28.4372

■ 20.1500, 24.6379,
28.8971

■ 21.9813, 25.5733,
29.3738

■ 24.1095, 26.6616,
29.8680

■ 26.5473, 27.9096,
30.3801

■ 29.3068, 29.3233,
30.9109

Harmonies

Analogous

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



15.2609, 21.9853, 17.4500



14.9239, 21.9853, 26.7496



16.0406, 21.9853, 37.8824

Triad

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



14.9239, 21.9853, 26.7496



25.3223, 21.9853, 42.5072



23.5060, 21.9853, 10.1536

Complementary

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



14.9239, 21.9853, 26.7496



12.2756, 6.9423, 2.4441

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.



26.6447, 21.9853, 13.9200



14.9239, 21.9853, 26.7496



27.7721, 21.9853, 31.8633

Square

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



14.9239, 21.9853, 26.7496



21.8562, 21.9853, 48.4975



28.2813, 21.9853, 21.3311



19.9650, 21.9853, 9.4917

Rectangle

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



14.9239, 21.9853, 26.7496



17.5413, 21.9853, 44.2753



28.2813, 21.9853, 21.3311



24.6541, 21.9853, 11.0352

Sweetspot

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



14.9245, 21.9861, 26.7501



37.2074, 44.3060, 51.4133



11.0168, 20.4593, 4.5314



8.2992, 10.0412, 11.7285



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.



14.9245, 21.9861, 26.7501



25.2961, 38.2740, 45.9538



9.7321, 10.6569, 27.9305



5.5443, 6.1099, 6.8321



12.4345, 18.8697, 22.6398



0.1220, 0.1817, 0.2330

Inverse Universe

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



12.2756, 6.9423, 2.4441



20.4922, 10.6696, 1.6356



14.3723, 11.3152, 2.5895



5.4232, 5.4298, 5.7264



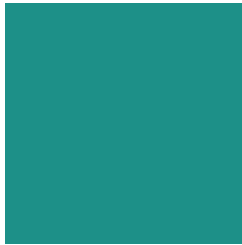
10.0673, 5.1840, 0.7400



0.0987, 0.0505, 0.0198

Previews

White Background



This preview shows how the XYZ color 14.9239, 21.9853, 26.7496 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 14.9239, 21.9853, 26.7496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

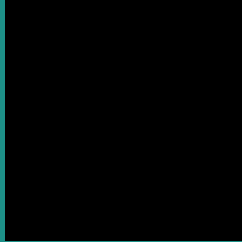
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.9239, 21.9853, 26.7496

Background



This preview shows how black text looks on a background with the XYZ color 14.9239, 21.9853, 26.7496.



This preview shows how white text looks on a background with the XYZ color 14.9239, 21.9853,

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

14.9239, 21.9853, 26.7496

Protanopia

20.8451, 21.7700, 22.8420

Deuteranopia

22.0589, 21.7116, 27.8391



Tritanopia

16.2295, 21.8419, 33.4975

Trichromacy



Original Color

14.9239, 21.9853, 26.7496

Protanomaly

17.1705, 21.0416, 24.2755

Deuteranomaly

17.7353, 20.8534, 27.5165

Tritanomaly

15.7024, 21.8459, 30.9928

Monochromacy



Original Color

14.9239, 21.9853, 26.7496

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

13.5976, 16.9565, 20.0090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9239, 21.9853, 26.7496 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(29, 144, 136)` looks like.

```
.text, #text, p{  
    color:rgb(29, 144, 136)  
}
```

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(29, 144, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 144, 136) }
```

Border

The CSS property to change the border of an element to XYZ 14.9239, 21.9853, 26.7496 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(29, 144, 136) }
```


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

```
.border{ border-color:rgb(29, 144, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 144, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 144, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 144, 136);  
box-shadow:4px 4px 4px 4px rgb(29, 144,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9239, 21.9853, 26.7496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 144, 136) }
```

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

```
.background{ background-color: rgb(29, 144,  
136) }
```

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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