

Converting Colors

XYZ(10.1408, 19.6687, 25.1801)

Have a look what the booklet for
XYZ(10.1408, 19.6687, 25.1801)
contains.

XYZ(14.2903, 21.9167, 25.3070)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.2903, 21.9167,
25.3070)**

Conversions

Conversions Part 1

Format	Color
Hex	009184
RGB	0, 145, 132
RGB Percent	0%, 57%, 52%
CMY	0.9999, 0.4314, 0.4823
CMYK	1.00, 0.00, 0.09, 0.43
HSL	175°, 100%, 28%
HSV	175°, 100%, 57%
XYZ	14.2903, 21.9167, 25.3070
YIQ	100.1630, -82.2470, -34.7830

Conversions

Conversions Part 2

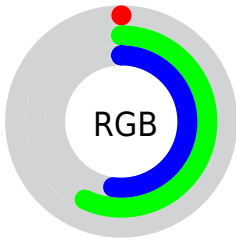
Format	Color
RYB	0, 76, 145
Decimal	37252
CIELab	53.94, -35.59, -2.38
CIELCh	54, 35.668, 183.832
Yxy	21.9167, 0.2323, 0.3563
Android (android.graphics.Color)	4278227332 (0xFF009184)
YUV	100.1630, 15.6956, -87.8430
Hunter-Lab	46.8153, -27.4398, 0.7202

Details

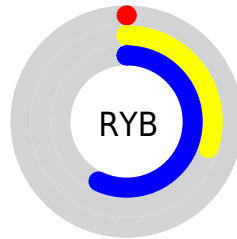
The XYZ color **14.2903, 21.9167, 25.3070** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11.7505, 6.0496, 0.9300**, and the grayscale version is **12.1330, 12.7648, 13.9009**.

A 20% lighter version of the original color is **33.2490, 46.7898, 53.1779**, and **5.5640, 8.6299, 9.5561** is the 20% darker color. If you saturate the color by 10%, you get **14.2905, 21.9173, 25.3067**, and if you desaturate by 10%, it is **14.5695, 22.0508, 25.7880**.

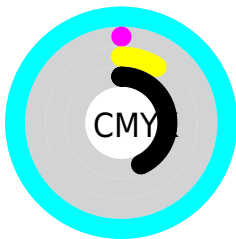
Distribution



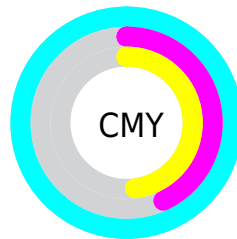
- Red (0%)
- Green (57%)
- Blue (52%)



- Red (0%)
- Yellow (30%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2903, 21.9167, 25.3070 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 14.2903, 21.9167, 25.3070 by changing the saturation by 10% instead.

■ 14.2903, 21.9167,
25.3070

■ 14.2903, 21.9167,
25.3070

■ 212.5041,
262.1110, 292.8599

■ 8.4059, 13.7957,
16.0848

■ 33.1852, 46.6083,
53.1251

■ 4.4097, 7.9787,
9.4292

■ 46.9265, 63.9477,
72.5581

■ 1.9364, 4.0813,
4.9216

■ 64.0173, 85.1286,
96.2319

■ 0.5979, 1.7192,
2.1434

■ 84.8232, 110.5356,
124.5648

■ 0.0000, 0.4360,
0.6414

■ 109.7095,
140.5529, 157.9756

■ 0.0000, 0.0000,
0.0000

■ 139.0415,

175.5649, 196.8826

173.1846,
215.9562, 241.7045

■ 14.2903, 21.9167,
25.3070

■ 14.2903, 21.9167,
25.3070

■ 14.2905, 21.9173,
25.3067

■ 14.5695, 22.0508,
25.7880

■ 14.9783, 22.2510,
26.2804

■ 15.5811, 22.5512,
26.7877

■ 16.4019, 22.9636,
27.3110

■ 17.4614, 23.4989,
27.8514

■ 18.7776, 24.1665,
28.4097

■ 20.3669, 24.9747,
28.9867

■ 22.2444, 25.9313,
29.5832

■ 24.4239, 27.0435,
30.1997

Harmonies

Analogous

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



14.8747, 21.9167, 15.6901



14.2903, 21.9167, 25.3070



15.2730, 21.9167, 37.7018

Triad

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



14.2903, 21.9167, 25.3070



25.2250, 21.9167, 46.1300



24.2651, 21.9167, 9.4570

Complementary

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



14.2903, 21.9167, 25.3070



11.7505, 6.0496, 0.9300

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.



27.5966, 21.9167, 13.9086



14.2903, 21.9167, 25.3070



28.1970, 21.9167, 34.4734

Square

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



14.2903, 21.9167, 25.3070



21.3293, 21.9167, 51.8415



29.1139, 21.9167, 22.4761



20.3409, 21.9167, 8.3572

Rectangle

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



14.2903, 21.9167, 25.3070



16.7651, 21.9167, 45.3659



29.1139, 21.9167, 22.4761



25.5066, 21.9167, 10.5256

Sweetspot

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



14.2909, 21.9175, 25.3075



36.2752, 44.6240, 51.8422



10.3151, 20.3490, 3.3848



7.8221, 9.8011, 11.4460



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.



14.2909, 21.9175, 25.3075



25.5583, 39.2363, 45.1446



8.5203, 8.8627, 28.0505



5.5397, 6.1081, 6.8079



12.2620, 18.8007, 21.7315



0.1212, 0.1813, 0.2286

Inverse Universe

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



11.7505, 6.0496, 0.9300



21.0125, 10.8207, 1.5082



13.1913, 9.0476, 1.0518



5.4273, 5.4315, 5.7482



10.0829, 5.1902, 0.8220



0.0995, 0.0509, 0.0243

Previews

White Background



This preview shows how the XYZ color 14.2903, 21.9167, 25.3070 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 14.2903, 21.9167, 25.3070 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 14.2903, 21.9167, 25.3070

Background



This preview shows how black text looks on a background with the XYZ color 14.2903, 21.9167, 25.3070.

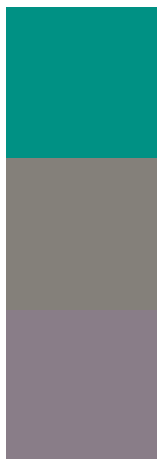


This preview shows how white text looks on a background with the XYZ color 14.2903, 21.9167,

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

14.2903, 21.9167, 25.3070

Protanopia

20.7477, 21.7490, 21.5168

Deuteranopia

22.0941, 21.7632, 26.3288



Tritanopia

16.1503, 22.0210, 33.5363

Trichromacy



Original Color

14.2903, 21.9167, 25.3070

Protanomaly

15.9471, 20.4414, 22.8437

Deuteranomaly

16.5549, 20.2780, 25.9632

Tritanomaly

15.2866, 21.8714, 30.2040

Monochromacy



Original Color

14.2903, 21.9167, 25.3070

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.2844, 14.7506, 17.5816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2903, 21.9167, 25.3070 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, 145, 132)` looks like.

```
.text, #text, p{  
    color:rgb(0, 145, 132)  
}
```

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, 145, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 145, 132) }
```

Border

The CSS property to change the border of an element to XYZ 14.2903, 21.9167, 25.3070 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, 145, 132) }
```


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

```
.border{ border-color:rgb(0, 145, 132) }
```

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

Here you see how a box with a 4 pixel rgb(0, 145, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 145, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 145, 132);  
box-shadow:4px 4px 4px 4px rgb(0, 145,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2903, 21.9167, 25.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 145, 132) }
```

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

```
.background{ background-color: rgb(0, 145,  
132) }
```

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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