

Converting Colors

XYZ(14.9536, 21.8551, 23.1690)

Have a look what the booklet for
XYZ(14.9536, 21.8551, 23.1690)
contains.

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Color

**XYZ(14.9536, 21.8551,
23.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	338F7E
RGB	51, 143, 126
RGB Percent	20%, 56%, 49%
CMY	0.8000, 0.4392, 0.5059
CMYK	0.64, 0.00, 0.12, 0.44
HSL	169°, 47%, 38%
HSV	169°, 64%, 56%
XYZ	14.9536, 21.8551, 23.1690
YIQ	113.5540, -49.3750, -24.7910

Conversions

Conversions Part 2

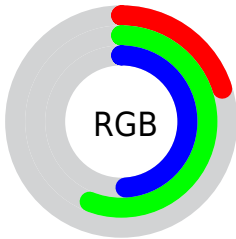
Format	Color
R_{YB}	51, 102, 143
Decimal	3379070
CIE _{Lab}	53.87, -31.25, 1.07
CIE _{LCh}	54, 31.272, 178.042
Yxy	21.8551, 0.2493, 0.3644
Android (android.graphics.Color)	4281569150 (0xFF338F7E)
YUV	113.5540, 6.1359, -54.8599
Hunter-Lab	46.7494, -24.7153, 3.3405

Details

The XYZ color **14.9536, 21.8551, 23.1690** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.5556, 8.6252, 6.4200**, and the grayscale version is **15.8542, 16.6799, 18.1644**.

A 20% lighter version of the original color is **34.2873, 46.3753, 49.7920**, and **5.1667, 8.1901, 8.3297** is the 20% darker color. If you saturate the color by 10%, you get **14.1728, 21.4726, 22.2544**, and if you desaturate by 10%, it is **15.9618, 22.3554, 24.1187**.

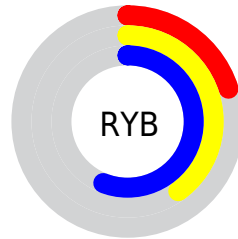
Distribution



Red (20%)

Green (56%)

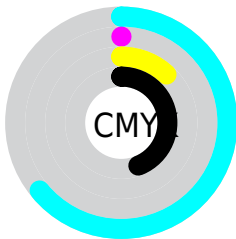
Blue (49%)



Red (20%)

Yellow (40%)

Blue (56%)

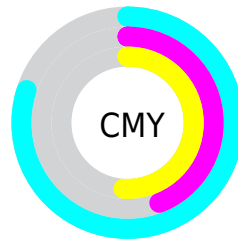


Cyan (64%)

Magenta (0%)

Yellow (12%)

Black (44%)



Cyan (80%)

Magenta (44%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9536, 21.8551, 23.1690 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 14.9536, 21.8551, 23.1690 by changing the saturation by 10% instead.

■ 14.9536, 21.8551,
23.1690

■ 14.9536, 21.8551,
23.1690

216.4792,
261.7886, 281.7418

■ 8.8729, 13.7505,
14.5119

■ 34.3441, 46.5064,
49.5974

■ 4.7148, 7.9473,
8.3347

■ 48.3846, 63.8218,
68.2057

■ 2.1140, 4.0613,
4.2190

■ 65.8091, 84.9764,
90.9682

■ 0.6968, 1.7079,
1.7463

■ 86.9830, 110.3543,
118.3034

■ 0.0000, 0.4288,
0.3922

■ 112.2716,
140.3401, 150.6298

■ 0.0000, 0.0000,
0.0000

■ 142.0402,

175.3182, 188.3660

176.6543,
215.6729, 231.9305

■ 14.9536, 21.8551,
23.1690

■ 14.9536, 21.8551,
23.1690

■ 14.1728, 21.4726,
22.2544

■ 15.9618, 22.3554,
24.1187

■ 13.5964, 21.1944,
21.3722

■ 17.2139, 22.9804,
25.1031

■ 13.1986, 21.0077,
20.5216

■ 18.7273, 23.7395,
26.1235

■ 13.0088, 20.9201,
20.0515

■ 20.5168, 24.6405,
27.1810

■ 22.5964, 25.6905,
28.2762

■ 24.9792, 26.8963,
29.4100

■ 27.6772, 28.2640,
30.5831

■ 30.7020, 29.7996,
31.7962

■ 34.0645, 31.5088,
33.0500

Harmonies

Analogous

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



15.7521, 21.8551, 15.2738



14.9536, 21.8551, 23.1690



15.5690, 21.8551, 33.6150

Triad

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



14.9536, 21.8551, 23.1690



23.9655, 21.8551, 44.1859



24.3892, 21.8551, 11.2822

Complementary

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



14.9536, 21.8551, 23.1690



13.5556, 8.6252, 6.4200

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.



27.0230, 21.8551, 16.1043



14.9536, 21.8551, 23.1690



26.7604, 21.8551, 35.0145

Square

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



14.9536, 21.8551, 23.1690



20.5523, 21.8551, 47.5375



27.9338, 21.8551, 24.4352



20.9945, 21.8551, 9.6651

Rectangle

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



14.9536, 21.8551, 23.1690



16.7398, 21.8551, 40.4086



27.9338, 21.8551, 24.4352



25.4061, 21.8551, 12.5048

Sweetspot

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



14.9542, 21.8560, 23.1695



38.5114, 45.0190, 49.6339



12.9034, 21.1647, 6.5375



8.6150, 10.2146, 11.2664



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.



14.9542, 21.8560, 23.1695



24.8946, 38.2169, 39.1673



12.5003, 15.0407, 28.2319



5.5181, 6.0995, 6.6942



11.5089, 18.4994, 17.7659



0.1172, 0.1797, 0.2076

Inverse Universe

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



13.5556, 8.6252, 6.4200



22.2269, 12.6056, 6.9413



14.6932, 11.6138, 4.5997



5.4471, 5.4394, 5.8523



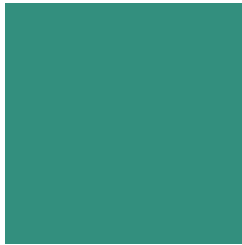
10.1910, 5.2334, 1.3913



0.1035, 0.0525, 0.0453

Previews

White Background



This preview shows how the XYZ color 14.9536, 21.8551, 23.1690 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 14.9536, 21.8551, 23.1690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

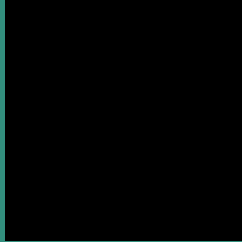
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.9536, 21.8551, 23.1690

Background



This preview shows how black text looks on a background with the XYZ color 14.9536, 21.8551, 23.1690.

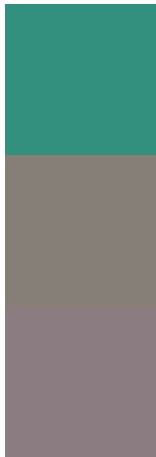


This preview shows how white text looks on a background with the XYZ color 14.9536, 21.8551,

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

14.9536, 21.8551, 23.1690

Protanopia

20.5323, 21.4733, 20.2021

Deuteranopia

21.8844, 21.5160, 24.1187



Tritanopia

16.8051, 21.7237, 32.5855

Trichromacy



Original Color

14.9536, 21.8551, 23.1690

Protanomaly

17.4322, 21.0391, 21.2313

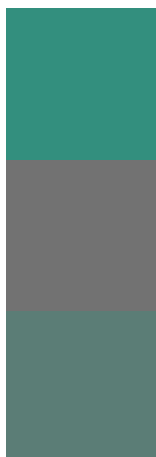
Deuteranomaly

18.1422, 20.9434, 23.8552

Tritanomaly

16.0055, 21.6087, 28.9185

Monochromacy



Original Color

14.9536, 21.8551, 23.1690

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

14.9180, 18.1994, 19.8661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9536, 21.8551, 23.1690 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(51, 143, 126)` looks like.

```
.text, #text, p{  
    color:rgb(51, 143, 126)  
}
```

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(51, 143, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 143, 126) }
```

Border

The CSS property to change the border of an element to XYZ 14.9536, 21.8551, 23.1690 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(51, 143, 126) }
```


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

```
.border{ border-color:rgb(51, 143, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 143, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 143, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 143, 126);  
box-shadow:4px 4px 4px 4px rgb(51, 143,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9536, 21.8551, 23.1690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 143, 126) }
```

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

```
.background{ background-color: rgb(51, 143,  
126) }
```

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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