

Converting Colors

XYZ(10.8950, 15.1653, 19.1214)

Have a look what the booklet for
XYZ(10.8950, 15.1653, 19.1214)
contains.

XYZ(10.9236, 15.2309, 19.1937)	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(10.9236, 15.2309,
19.1937)**

Conversions

Conversions Part 1

Format	Color
Hex	2B7875
RGB	43, 120, 117
RGB Percent	17%, 47%, 46%
CMY	0.8314, 0.5294, 0.5412
CMYK	0.64, 0.00, 0.03, 0.53
HSL	178°, 47%, 32%
HSV	178°, 64%, 47%
XYZ	10.9236, 15.2309, 19.1937
YIQ	96.6350, -44.9290, -17.2570

Conversions

Conversions Part 2

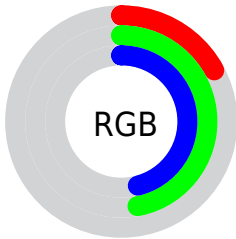
Format	Color
R_{YB}	43, 82, 120
Decimal	2848885
CIE _{Lab}	45.95, -23.92, -5.33
CIE _{LCh}	46, 24.511, 192.565
Yxy	15.2309, 0.2409, 0.3359
Android (android.graphics.Color)	4281038965 (0xFF2B7875)
YUV	96.6350, 10.0399, -47.0379
Hunter-Lab	39.0268, -18.3347, -1.8406

Details

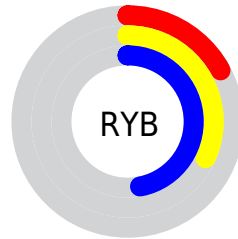
The XYZ color **10.9236, 15.2309, 19.1937** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **9.1033, 5.9185, 3.2478**, and the grayscale version is **11.2574, 11.8436, 12.8977**.

A 20% lighter version of the original color is **27.2506, 35.4044, 42.9336**, and **3.3274, 4.9361, 6.4076** is the 20% darker color. If you saturate the color by 10%, you get **10.4654, 14.9982, 19.0294**, and if you desaturate by 10%, it is **11.5310, 15.5412, 19.3664**.

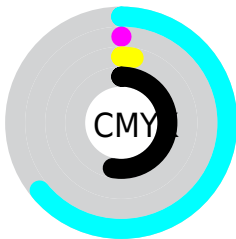
Distribution



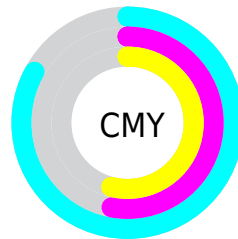
- Red (17%)
- Green (47%)
- Blue (46%)



- Red (17%)
- Yellow (32%)
- Blue (47%)



- Cyan (64%)
- Magenta (0%)
- Yellow (3%)
- Black (53%)



- Cyan (83%)
- Magenta (53%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9236, 15.2309, 19.1937 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 10.9236, 15.2309, 19.1937 by changing the saturation by 10% instead.

■ 10.9236, 15.2309,
19.1937

■ 10.9236, 15.2309,
19.1937

■ 191.0618,
224.7596, 259.9743

■ 6.0824, 8.9816,
11.6321

■ 27.1530, 35.2577,
42.9022

■ 2.9364, 4.7292,
6.3742

■ 39.2719, 49.8041,
59.8862

■ 1.1202, 2.0893,
3.0015

■ 54.5475, 67.8849,
80.8480

■ 0.0419, 0.6586,
1.0954

■ 73.3450, 89.8845,
106.2063

■ 0.0000, 0.0000,
0.0000

■ 96.0298, 116.1874,
136.3795

■ 122.9673,

147.1780, 171.7862

154.5228,
183.2405, 212.8450

■ 10.9236, 15.2309,
19.1937

■ 10.9236, 15.2309,
19.1937

■ 10.4654, 14.9982,
19.0294

■ 11.5310, 15.5412,
19.3664

■ 10.1415, 14.8344,
18.8717

■ 12.2979, 15.9334,
19.5470

■ 9.9334, 14.7302,
18.7202

■ 13.2356, 16.4135,
19.7362

■ 9.8299, 14.6787,
18.6329

■ 14.3536, 16.9866,
19.9347

■ 15.6610, 17.6574,
20.1427

■ 17.1660, 18.4300,
20.3606

■ 18.8767, 19.3086,
20.5890

■ 20.8005, 20.2970,
20.8280

■ 22.9443, 21.3989,
21.0780

Harmonies

Analogous

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



10.9964, 15.2309, 13.3928



10.9236, 15.2309, 19.1937



11.7344, 15.2309, 25.5677

Triad

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



10.9236, 15.2309, 19.1937



17.3441, 15.2309, 26.4943



15.7042, 15.2309, 7.9019

Complementary

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



10.9236, 15.2309, 19.1937



9.1033, 5.9185, 3.2478

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.



17.6157, 15.2309, 9.9977



10.9236, 15.2309, 19.1937



18.6228, 15.2309, 20.2454

Square

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



10.9236, 15.2309, 19.1937



15.3612, 15.2309, 30.4103



18.7267, 15.2309, 14.2220



13.6265, 15.2309, 7.7497

Rectangle

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



10.9236, 15.2309, 19.1937



12.7163, 15.2309, 28.9212



18.7267, 15.2309, 14.2220



16.3921, 15.2309, 8.3744

Sweetspot

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



10.9241, 15.2315, 19.1941



26.2826, 30.4078, 35.2300



8.3184, 14.2087, 4.5900



6.1034, 7.1421, 8.3289



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.9241, 15.2315, 19.1941



18.1091, 26.2278, 33.3357



7.6630, 8.4224, 18.9918



4.1006, 4.5099, 5.0638



10.7223, 16.0126, 20.3202



51.0707, 76.3513, 96.5309

Inverse Universe

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



9.1033, 5.9185, 3.2478



14.6381, 8.4276, 2.9026



10.8819, 9.5672, 3.5589



4.0040, 4.0173, 4.2190



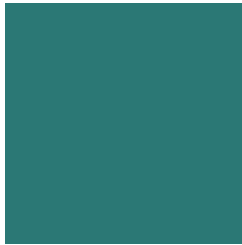
8.4768, 4.3669, 0.5360



40.3620, 20.8011, 2.1703

Previews

White Background



This preview shows how the XYZ color 10.9236, 15.2309, 19.1937 looks on a white 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

Black Background



This preview shows how the XYZ color 10.9236, 15.2309, 19.1937 looks on a black 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

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

XYZ 10.9236, 15.2309, 19.1937

Background



This preview shows how black text looks on a background with the XYZ color 10.9236, 15.2309, 19.1937.



This preview shows how white text looks on a background with the XYZ color 10.9236, 15.2309,

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

10.9236, 15.2309, 19.1937

Protanopia

14.6074, 15.1659, 16.9093

Deuteranopia

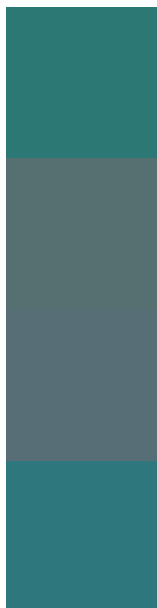
15.2518, 14.9699, 19.8549



Tritanopia

11.5936, 15.1438, 22.7341

Trichromacy



Original Color

10.9236, 15.2309, 19.1937

Protanomaly

12.6126, 14.7590, 17.8068

Deuteranomaly

12.9302, 14.5585, 19.5813

Tritanomaly

11.3616, 15.2297, 21.4096

Monochromacy



Original Color

10.9236, 15.2309, 19.1937

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.6108, 12.6804, 14.9850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9236, 15.2309, 19.1937 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(43, 120, 117)` looks like.

```
.text, #text, p{  
    color:rgb(43, 120, 117)  
}
```

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(43, 120, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 120, 117) }
```

Border

The CSS property to change the border of an element to XYZ 10.9236, 15.2309, 19.1937 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(43, 120, 117) }
```


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

```
.border{ border-color:rgb(43, 120, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 120, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 120, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 120, 117);  
box-shadow:4px 4px 4px 4px rgb(43, 120,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9236, 15.2309, 19.1937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 120, 117) }
```

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

```
.background{ background-color: rgb(43, 120,  
117) }
```

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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