

Converting Colors

XYZ(11.0425, 15.8210, 18.0394)

Have a look what the booklet for
XYZ(11.0425, 15.8210, 18.0394)
contains.

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Color

**XYZ(11.1023, 15.8936,
18.1054)**

Conversions

Conversions Part 1

Format	Color
Hex	2C7B71
RGB	44, 123, 113
RGB Percent	17%, 48%, 44%
CMY	0.8274, 0.5176, 0.5569
CMYK	0.64, 0.00, 0.08, 0.52
HSL	172°, 47%, 33%
HSV	172°, 64%, 48%
XYZ	11.1023, 15.8936, 18.1054
YIQ	98.2390, -43.8740, -19.8580

Conversions

Conversions Part 2

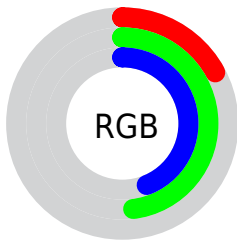
Format	Color
RYB	44, 86, 123
Decimal	2915185
CIELab	46.83, -26.42, -1.64
CIELCh	47, 26.475, 183.561
Yxy	15.8936, 0.2462, 0.3524
Android (android.graphics.Color)	4281105265 (0xFF2C7B71)
YUV	98.2390, 7.2772, -47.5676
Hunter-Lab	39.8668, -20.0573, 0.9803

Details

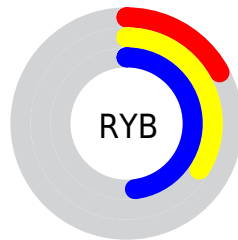
The XYZ color **11.1023, 15.8936, 18.1054** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **9.7355, 6.2792, 4.1895**, and the grayscale version is **11.6597, 12.2669, 13.3587**.

A 20% lighter version of the original color is **27.5724, 36.4766, 41.1848**, and **3.4029, 5.2792, 5.8407** is the 20% darker color. If you saturate the color by 10%, you get **10.5634, 15.6262, 17.6268**, and if you desaturate by 10%, it is **11.8003, 16.2436, 18.6000**.

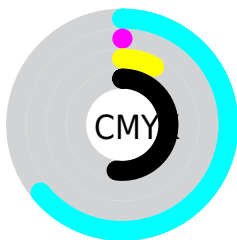
Distribution



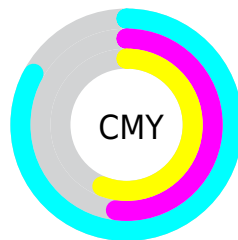
- Red (17%)
- Green (48%)
- Blue (44%)



- Red (17%)
- Yellow (34%)
- Blue (48%)



- Cyan (64%)
- Magenta (0%)
- Yellow (8%)
- Black (52%)



- Cyan (83%)
- Magenta (52%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1023, 15.8936, 18.1054 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 11.1023, 15.8936, 18.1054 by changing the saturation by 10% instead.

■ 11.1023, 15.8936,
18.1054

■ 11.1023, 15.8936,
18.1054

192.2619,
228.7131, 253.7205

■ 6.2035, 9.4489,
10.8555

■ 27.4805, 36.4134,
41.0332

■ 3.0110, 5.0351,
5.8568

■ 39.6905, 51.2573,
57.5482

■ 1.1596, 2.2679,
2.6908

■ 55.0684, 69.6696,
77.9885

■ 0.0741, 0.7566,
0.9388

■ 73.9793, 92.0349,
102.7728

■ 0.0000, 0.0000,
0.0000

■ 96.7888, 118.7375,
132.3197

■ 123.8622,

150.1618, 167.0475

155.5647,
186.6922, 207.3749

■ 11.1023, 15.8936,
18.1054

■ 11.1023, 15.8936,
18.1054

■ 10.5634, 15.6262,
17.6268

■ 11.8003, 16.2436,
18.6000

■ 10.1680, 15.4322,
17.1623

■ 12.6686, 16.6808,
19.1102

■ 9.8965, 15.3020,
16.7114

■ 13.7189, 17.2117,
19.6368

■ 9.7597, 15.2370,
16.4555

■ 14.9617, 17.8417,
20.1804

■ 16.4065, 18.5756,
20.7414

■ 18.0622, 19.4180,
21.3204

■ 19.9371, 20.3733,
21.9177

■ 22.0393, 21.4455,
22.5337

■ 24.3761, 22.6386,
23.1689

Harmonies

Analogous

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



11.4768, 15.8936, 12.2489



11.1023, 15.8936, 18.1054



11.7074, 15.8936, 25.3093

Triad

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



11.1023, 15.8936, 18.1054



17.6901, 15.8936, 30.1767



17.1659, 15.8936, 8.2498

Complementary

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



11.1023, 15.8936, 18.1054



9.7355, 6.2792, 4.1895

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.



19.1067, 15.8936, 11.1966



11.1023, 15.8936, 18.1054



19.4303, 15.8936, 23.5913

Square

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



11.1023, 15.8936, 18.1054



15.3832, 15.8936, 33.3076



19.9732, 15.8936, 16.5294



14.8329, 15.8936, 7.4802

Rectangle

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



11.1023, 15.8936, 18.1054



12.6249, 15.8936, 29.6501



19.9732, 15.8936, 16.5294



17.8934, 15.8936, 8.9739

Sweetspot

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



11.1028, 15.8942, 18.1058



27.9767, 32.5504, 36.6108



9.0882, 15.1475, 4.8280



6.4459, 7.5935, 8.5659



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



11.1028, 15.8942, 18.1058



18.5550, 27.8040, 31.1727



8.6201, 9.9775, 20.2110



4.0863, 4.5041, 4.9882



10.0947, 15.7615, 17.0154



47.9352, 75.0971, 80.0200

Inverse Universe

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



9.7355, 6.2792, 4.1895



15.9212, 9.1142, 4.2414



11.0039, 9.1541, 3.5702



4.0171, 4.0225, 4.2875



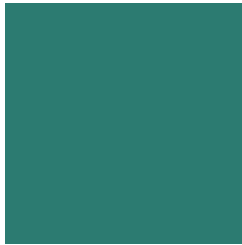
8.5423, 4.3931, 0.8808



40.5682, 20.8836, 3.2564

Previews

White Background



This preview shows how the XYZ color 11.1023, 15.8936, 18.1054 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 11.1023, 15.8936, 18.1054 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 11.1023, 15.8936, 18.1054

Background



This preview shows how black text looks on a background with the XYZ color 11.1023, 15.8936, 18.1054.



This preview shows how white text looks on a background with the XYZ color 11.1023, 15.8936,

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

11.1023, 15.8936, 18.1054

Protanopia

14.9875, 15.7032, 15.8768

Deuteranopia

15.8813, 15.6279, 18.7024



Tritanopia

12.1619, 15.7747, 23.5229

Trichromacy



Original Color

11.1023, 15.8936, 18.1054

Protanomaly

12.9156, 15.4403, 16.7676

Deuteranomaly

13.3140, 15.2722, 18.4658

Tritanomaly

11.7421, 15.7829, 21.4963

Monochromacy



Original Color

11.1023, 15.8936, 18.1054

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

10.8478, 13.1144, 14.7916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1023, 15.8936, 18.1054 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(44, 123, 113)` looks like.

```
.text, #text, p{  
  color:rgb(44, 123, 113)  
}
```

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(44, 123, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 123, 113) }
```

Border

The CSS property to change the border of an element to XYZ 11.1023, 15.8936, 18.1054 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(44, 123, 113) }
```


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

```
.border{ border-color:rgb(44, 123, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 123, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 123, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 123, 113);  
box-shadow:4px 4px 4px 4px rgb(44, 123,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1023, 15.8936, 18.1054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 123, 113) }
```

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

```
.background{ background-color: rgb(44, 123,  
113) }
```

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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